

Inventory of Cars,  
Motors, Trucks,  
Controllers  
Electric Car Equipment,  
and  
Miscellaneous Vehicles,  
of the  
West End St. Ry. Co.  
Sept. 30, 1897.



**THOMAS GROOM & CO.**  
 IMPORTERS  
 OF  
 English & French  
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INDIA BUILDING.  
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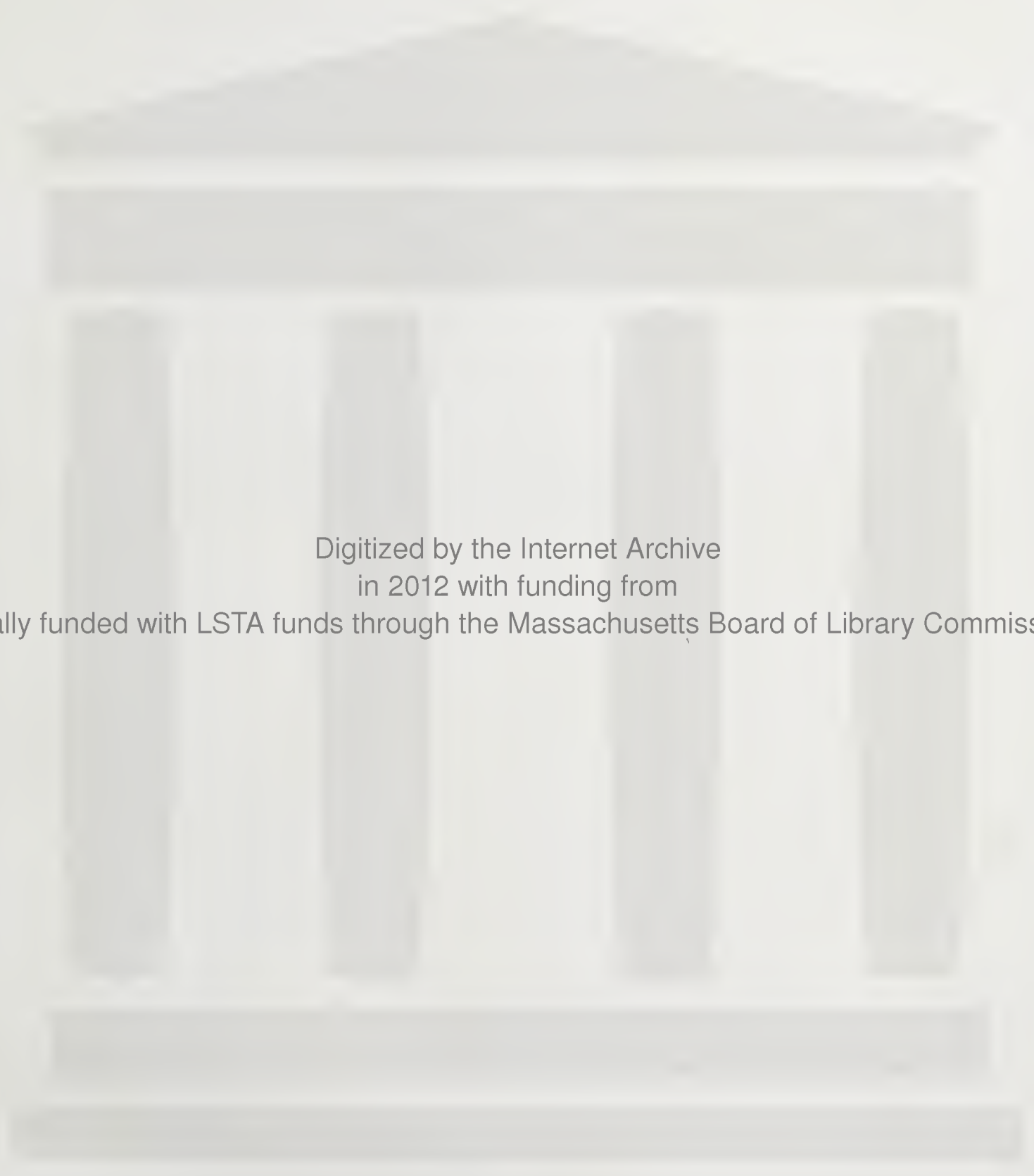












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# WEST END STREET RAILWAY COMPANY

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## INVENTORY OF CAR BODIES, MOTORS, TRUCKS, ETC. - SEPT. 30, 1897.

### \*\*\* CAR BODIES \*\*\*

	1	16	Ft.	Directors Car
	11	16	"	Mail Cars
	11	16	"	Jones Box Cars
	4	16	"	Newburyport Box Cars
81	54	16	"	Box Cars Converted from Horse Cars

	44	20	Ft.	Jones Box Cars
	63	20	"	Jones Spliced
	2	20	"	Jones Parlor
	47	20	"	St. Louis Box Cars
	66	20	"	Box Cars Spliced by W. End
	10	20	"	Laconia Box Cars
	47	20	"	Brownell Box Cars
	30	20	"	Barney & Smith Box Cars
	3	20	"	Box Cars Spliced by Ellis
	13	20	"	Newburyport Box Cars
335	10	20	"	Box Cars Spliced by Newburyport

	96	25	Ft.	Newburyport Box Cars
	60	25	"	Barney & Smith Box Cars
	190	25	"	Laconia Box Cars
	221	25	"	Jones Box Cars
	75	25	"	St. Louis Box cars
	43	25	"	Box Cars Spliced by W. End
759	74	25	"	Pullman Box Cars

	2	2	28	Ft. Newburyport Box Cars
--	---	---	----	--------------------------

	2	2		Locomotives
--	---	---	--	-------------

	47	7	Bench	Open Cars Converted from Horse Cars
88	41	7	"	Jones Open Cars

	406	8	Bench	Open Cars Converted from Horse Cars
492	86	8	"	Jones Open Cars

	20	9	Bench	Ellis Open Cars
	335	9	"	St. Louis Open Cars
	30	9	"	Laconia " "
	70	9	"	Brill " "
	47	9	"	Mass. " "
	30	9	"	Jones " "
567	35	9	"	Newburyport " "

	25	10	Bench	Ellis Open Cars
	11	10	"	West End Open Cars
46	10	10	"	Jones Open Cars

	1	1	12	Bench Newburyport Open Car
--	---	---	----	----------------------------

2373

### \*\*\* MOTORS \*\*\*

	On Cars	Not on Cars
1489 W.P. 50 Motors	1436	53
530 Westinghouse 12 A Motors	477	53
420 Westinghouse 12 Motors	418	2
519 G.E. 800 Motors	511	8
22 Walker Motors	20	2

2980







\*\*\* TRUCKS \*\*\*

	On Cars	Not on Cars
479 Sets W.E. Swivel Trucks	461	18
293 " Bemis " "	293	
51 " Robinson Radial Trucks	49	2
927 W.E. Short Trucks	913	14
192 Bemis 6 A "	191	1
260 St. Louis "	260	
12 Peckham "	2	10
1 Bemis 25 "	1	
1 Set W.E. Combination Trucks	1	
198 Brill Short Trucks	197	1
1 Set Taylor Swivel Trucks	1	
1 " Laconia " "	1	

2416

\*1154 SETS CONTROLLERS

ELECTRICAL EQUIPMENT & EQUIPPING

SPARE PARTS

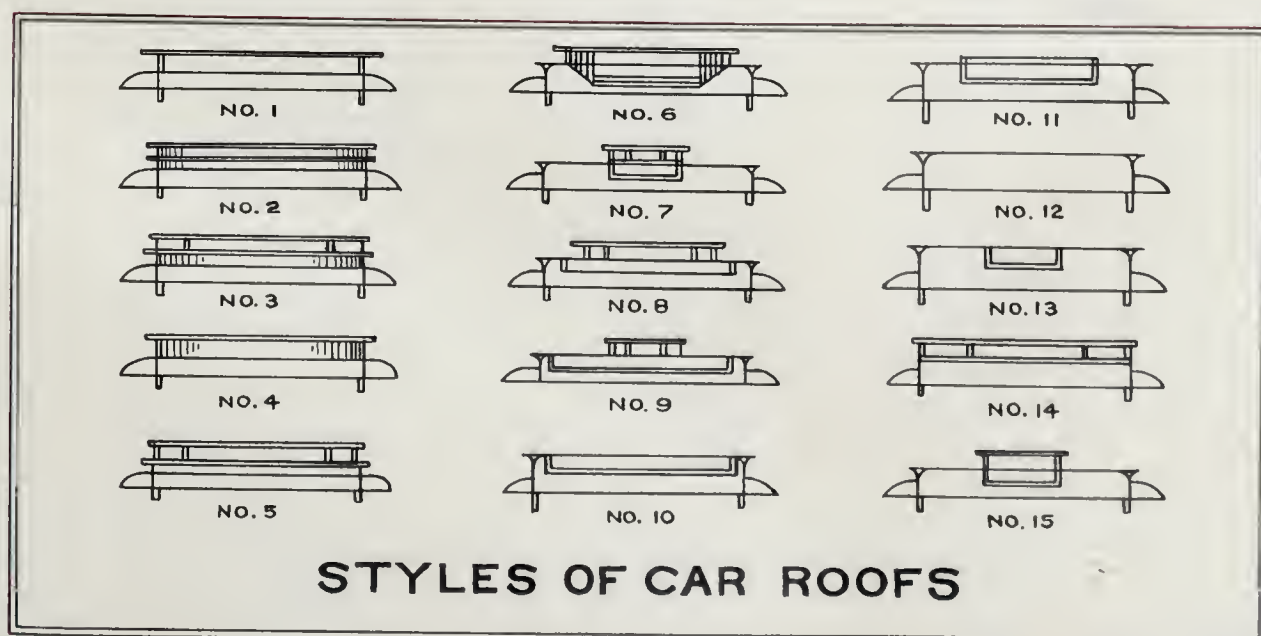
\* IN ADDITION TO ABOVE CONTROLLERS THERE IS ONE SET ON COAL CAR

NOTE: The electric cars ,including all the equipment of the same, are in as good repair and condition as their age permits.

On the following pages will be found full and complete lists of all bodies, motors, trucks, controllers and spare motor parts together with the dates when they were purchased or built.

The interior arrangement of all box electric cars are the same, they having a seat on each side running the whole length of the car as shown in the lower picture on page #76.

The 25 foot "Spliced" box cars were made by taking two 16 foot car bodies and joining the same together in the middle. The 20 foot "Spliced" box cars were made by cutting 16 foot car bodies and placing a connecting piece between the parts.









## WEST END STREET RAILWAY COMPANY

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## INVENTORY OF ELECTRIC CARS - SEPTEMBER 30, 1897.

56 - 25 FT. BOX CARS MANUFACTURED BY NEWBURYPORT CAR CO. IN 1891.STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 64.

	28	Equipped with					and Controller
30	"	" Bemis Swivel Truck	2	W.P. 50 Motors	"	"	"
35	"	" " " "	2	G.E. 800	"	"	"
49	"	" " " "	2	W.P. 50	"	"	"
74	"	" " " "	2	"	"	"	"
86	"	" West End"	2	G.E. 800	"	"	"
291	"	" Bemis "	2	W.P. 50	"	"	"
292	"	" " " "	2	G.E. 800	"	"	"
293	"	" " " "	2	W.P. 50	"	"	"
294	"	" " " "	2	"	"	"	"
791	"	" " " "	2	"	"	"	"
792	"	" " " "	2	"	"	"	"
793	"	" " " "	2	"	"	"	"
794	"	" " " "	2	"	"	"	"
795	"	" " " "	2	"	"	"	"
796	"	" " " "	2	"	"	"	"
1530	"	" " " "	2	"	"	"	"
1531	"	" " " "	2	"	"	"	"
1532	"	" " " "	2	"	"	"	"
1533	"	" " " "	2	"	"	"	"
1534	"	" " " "	2	"	"	"	"
1535	"	" " " "	2	"	"	"	"
1536	"	" " " "	2	"	"	"	"
1537	"	" West End"	2	"	"	"	"
1538	"	" Bemis "	2	"	"	"	"
1539	"	" " " "	2	"	"	"	"
1540	"	" West End"	2	"	"	"	"
1541	"	" Bemis "	2	"	"	"	"
1542	"	" " " "	2	"	"	"	"
1543	"	" " " "	2	"	"	"	"
1544	"	" West End"	2	"	"	"	"
1545	"	" Bemis "	2	"	"	"	"
1546	"	" " " "	2	"	"	"	"
1547	"	" " " "	2	"	"	"	"
1548	"	" " " "	2	"	"	"	"
1549	"	" " " "	2	"	"	"	"
1550	"	" " " "	2	"	"	"	"
1551	"	" " " "	2	"	"	"	"
1552	"	" " " "	2	"	"	"	"
1553	"	" " " "	2	"	"	"	"
1554	"	" " " "	2	"	"	"	"
1555	"	" West End "	2	W.P. 50	"	"	"
1556	"	" Bemis "	2	"	"	"	"
1563	"	" " " "	2	"	"	"	"
1564	"	" " " "	2	"	"	"	"
1565	"	" " " "	2	"	"	"	"
1566	"	" Rob. Radial	2	West. 12 A.	"	"	"
1567	"	" " " "	2	"	"	"	"
1568	"	" " " "	2	"	"	"	"
1569	"	" " " "	2	"	"	"	"
1570	"	" " " "	2	"	"	"	"
1571	"	" " " "	2	"	"	"	"
1572	"	" " " "	2	"	"	"	"
1573	"	" " " "	2	"	"	"	"
1574	"	" " " "	2	"	"	"	"
1575	"	" " " "	2	"	"	"	"







39 - 25 FT. BOX CARS MANUFACTURED BY NEWBURYPORT CAR CO. IN 1892.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 59.

797	Equipped with Bemis Swivel Truck	2	W.P. 50 Motors and Controller
798	" " West End "	2	" " " "
799	" " " "	2	" " " "
800	" " " "	2	" " " "
801	" Bemis " "	2	" " " "
802	" " " "	2	" " " "
803	" " " "	2	" " " "
804	" " " "	2	" " " "
805	" " " "	2	" " " "
806	" West End " "	2	West.12 " " "
807	" " " "	2	W.P. 50 " " "
808	" " " "	2	West.12 " " "
809	" Bemis " "	2	W.P. 50 " " "
810	" West End " "	2	West.12 " " "
811	" Bemis " "	2	W.P. 50 " " "
812	" West End " "	2	" " " "
813	" " " "	2	" " " "
814	" Bemis " "	2	" " " "
815	" " " "	2	" " " "
816	" " " "	2	" " " "
817	" " " "	2	" " " "
818	" " " "	2	" " " "
819	" " " "	2	" " " "
820	" " " "	2	" " " "
821	" " " "	2	" " " "
822	" " " "	2	" " " "
823	" " " "	2	" " " "
824	" " " "	2	" " " "
825	" " " "	2	" " " "
856	" " " "	2	" " " "
857	" " " "	2	" " " "
858	" " " "	2	" " " "
859	" " " "	2	" " " "
860	" " " "	2	" " " "
861	" " " "	2	" " " "
862	" " " "	2	" " " "
863	" " " "	2	" " " "
864	" " " "	2	" " " "
865	" " " "	2	" " " "

60 - 25 FT. BOX CARS MANUFACTURED BY BARNEY & SMITH CAR CO. IN 1895.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH #1 ON PAGE # 60.

1081	Equipped with West End Swivel Truck	2	W.P. 50 Motors and Controller
1082	" " " "	2	" " " "
1083	" " " "	2	" " " "
1084	" " " "	2	" " " "
1085	" " " "	2	" " " "
1086	" " " "	2	" " " "
1087	" " " "	2	" " " "
1088	" " " "	2	" " " "
1089	" " " "	2	" " " "
1090	" " " "	2	" " " "
1091	" " " "	2	" " " "
1092	" " " "	2	" " " "
1093	" " " "	2	" " " "
1094	" " " "	2	" " " "
1095	" " " "	2	" " " "
1096	" " " "	2	" " " "
1097	" " " "	2	" " " "
1098	" " " "	2	" " " "
1099	" " " "	2	" " " "
1100	" " " "	2	" " " "
1101	" " " "	2	" " " "
1102	" " " "	2	" " " "
1103	" " " "	2	" " " "
1104	" " " "	2	" " " "
1105	" " " "	2	" " " "
1106	" " " "	2	" " " "
1107	" " " "	2	" " " "





1108	Equipped with West End Swivel Truck	2	W.P. 50 Motors and Controller		
1109	"	2	"	"	"
1110	"	2	"	"	"
1111	"	2	G.E. 800	"	"
1112	"	2	"	"	"
1113	"	2	W.P. 50	"	"
1114	"	2	"	"	"
1115	"	2	"	"	"
1116	"	2	"	"	"
1117	"	2	G.E. 800	"	"
1118	"	2	"	"	"
1119	"	2	"	"	"
1120	"	2	"	"	"
1121	"	2	"	"	"
1122	"	2	"	"	"
1123	"	2	"	"	"
1124	"	2	"	"	"
1125	"	2	"	"	"
1126	"	2	"	"	"
1127	"	2	"	"	"
1128	"	2	"	"	"
1129	"	2	West. 12	"	"
1130	"	2	West. 12 A	"	"
1131	"	2	West. 12	"	"
1132	"	2	"	"	"
1133	"	2	"	"	"
1134	"	2	"	"	"
1293	"	2	G.E. 800	"	"
1294	"	2	"	"	"
1295	"	2	"	"	"
1296	"	2	"	"	"
1297	"	2	"	"	"
1298	"	2	"	"	"

40 - 25 FT. BOX CARS MANUFACTURED BY LACONIA CAR CO. IN 1895.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 62.

1135	Equipped with West End Swivel Truck	2	West. 12 Motors and Controller		
1136	"	2	"	"	"
1137	"	2	"	"	"
1138	"	2	"	"	"
1139	"	2	"	"	"
1140	"	2	W.P. 50	"	"
1141	"	2	"	"	"
1142	"	2	"	"	"
1143	"	2	"	"	"
1144	"	2	"	"	"
1145	"	2	"	"	"
1146	"	2	"	"	"
1147	"	2	G.E. 800	"	"
1148	"	2	"	"	"
1149	"	2	"	"	"
1150	"	2	"	"	"
1156	"	2	"	"	"
1162	"	2	"	"	"
1169	"	2	"	"	"
1171	"	2	"	"	"
1178	"	2	"	"	"
1180	"	2	West. 12	"	"
1189	"	2	"	"	"
1192	"	2	"	"	"
1193	"	2	"	"	"
1195	"	2	"	"	"
1197	"	2	"	"	"
1201	"	2	"	"	"
1203	"	2	"	"	"
1209	"	2	"	"	"
1223	"	2	"	"	"
1225	"	2	"	"	"
1226	"	2	"	"	"
1235	"	2	"	"	"
1237	"	2	"	"	"
1257	"	2	"	"	"





1289	Equipped with West End Swivel Trucks	2	West.12 Motors and Controller
1290	" " " " "	2	" " " "
1291	" " " " "	2	" " " "
1292	" " " " "	2	" " " "

150 - 25 FT. BOX CARS MANUFACTURED BY LACONIA CAR CO. IN 1896

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #59.

478	Equipped with West End Swivel Trucks	2	West.12 Motors and Controller
527	" " " " "	2	" " " "
528	" " " " "	2	" " " "
579	" " " " "	2	" " " "
770	" " " " "	2	" " " "
842	" " " " "	2	" " " "
927	" " " " "	2	" " " "
928	" " " " "	2	" " " "
929	" " " " "	2	" " " "
930	" " " " "	2	" " " "
931	" " " " "	2	" " " "
933	" " " " "	2	" " " "
934	" " " " "	2	West.12 A " " "
935	" " " " "	2	West.12 " " "
936	" " " " "	2	West.12 A " " "
938	" " " " "	2	" " " " "
941	" " " " "	2	" " " " "
974	" " " " "	2	" " " " "
975	" " " " "	2	" " " " "
983	" " " " "	2	" " " " "
991	" " " " "	2	" " " " "
1027	" " " " "	2	W.P. 50 " " "
1028	" " " " "	2	" " " " "
1029	" " " " "	2	" " " " "
1030	" " " " "	2	" " " " "
1031	" " " " "	2	" " " " "
1032	" " " " "	2	" " " " "
1034	" " " " "	2	" " " " "
1036	" " " " "	2	" " " " "
1038	" " " " "	2	West.12 A " " "
1039	" " " " "	2	G.F.800 " " "
1040	" " " " "	2	" " " " "
1041	" " " " "	2	" " " " "
1042	" " " " "	2	" " " " "
1043	" " " " "	2	" " " " "
1048	" " " " "	2	W.P. 50 " " "
1049	" " " " "	2	" " " " "
1050	" " " " "	2	" " " " "
1051	" " " " "	2	" " " " "
1052	" " " " "	2	" " " " "
1053	" " " " "	2	West.12 A " " "
1054	" " " " "	2	W.P. 50 " " "
1160	" " " " "	2	" " " " "
1166	" " " " "	2	West.12 A " " "
1170	" " " " "	2	West.12 " " "
1174	" " " " "	2	" " " " "
1177	" " " " "	2	" " " " "
1183	" " " " "	2	" " " " "
1188	" " " " "	2	" " " " "
1190	" " " " "	2	" " " " "
1199	" " " " "	2	" " " " "
1217	" " " " "	2	" " " " "
1242	" " " " "	2	" " " " "
1243	" " " " "	2	" " " " "
1246	" " " " "	2	" " " " "
1248	" " " " "	2	West.12 A " " "
1249	" " " " "	2	" " " " "
1250	" " " " "	2	" " " " "
1252	" " " " "	2	W.P. 50 " " "
1253	" " " " "	2	West.12 A " " "
1254	" " " " "	2	West.12 " " "
1261	" " " " "	2	" " " " "
1272	" " " " "	2	West.12 A " " "
1278	" " " " "	2	W.P. 50 " " "
1280	" " " " "	2	West.12 A " " "
1286	" " " " "	2	West.12 " " "





1302	Equipped with West End Swivel Trucks	2	W.P. 50 Motors and Controller		
1303	"	2	"	"	"
1304	"	2	"	"	"
1305	"	2	"	"	"
1306	"	2	"	"	"
1307	"	2	"	"	"
1308	"	2	"	"	"
1309	"	2	"	"	"
1310	"	2	"	"	"
1311	"	2	"	"	"
1312	"	2	"	"	"
1313	"	2	"	"	"
1314	"	2	"	"	"
1315	"	2	"	"	"
1316	"	2	"	"	"
1317	"	2	"	"	"
1318	"	2	West.12	"	"
1319	"			"	"
1320	"	2	West.12	"	"
1321	"	2	"	"	"
1322	"	2	W.P. 50	"	"
1323	"	2	West.12	"	"
1324	"	2	W.P. 50	"	"
1325	"	2	"	"	"
1326	"	2	West.12	"	"
1327	"	2	"	"	"
1328	"	2	"	"	"
1329	"	2	"	"	"
1330	"	2	"	"	"
1331	"	2	"	"	"
1332	"	2	"	"	"
1333	"	2	"	"	"
1334	"	2	"	"	"
1335	"	2	W.P. 50	"	"
1336	"	2	"	"	"
1337	"	2	"	"	"
1338	"	2	"	"	"
1339	"	2	"	"	"
1340	"	2	"	"	"
1341	"	2	"	"	"
1342	"	2	"	"	"
1343	"	2	"	"	"
1344	"	2	"	"	"
1345	"	2	"	"	"
1346	"	2	"	"	"
1347	"	2	"	"	"
1348	"	2	West.12	"	"
1349	"	2	"	"	"
1350	"	2	"	"	"
1354	"	2	"	"	"
1356	"	2	"	"	"
1361	"	2	"	"	"
1363	"	2	"	"	"
1364	"	2	"	"	"
1365	"	2	West.12 A	"	"
1370	"	2	West.12	"	"
1418	"	2	W.P. 50	"	"
1420	"	2	G.E.800	"	"
1585	"	2	West.12	"	"
1586	"	2	"	"	"
1587	"	2	"	"	"
1588	"	2	"	"	"
1589	"	2	"	"	"
1590	"	2	"	"	"
1591	"	2	"	"	"
1592	"	2	"	"	"
1593	"	2	"	"	"
1594	"	2	"	"	"
1595	"	2	West.12 A	"	"
1596	"	2	"	"	"
1597	"	2	W.P. 50	"	"
1598	"	2	"	"	"
1599	"	2	G.E.800	"	"
1600	"	2	"	"	"
1601	"	2	"	"	"
1602	"	2	"	"	"
1603	"	2	"	"	"
1604	"	2	"	"	"





1605	Equipped with West End Swivel Trucks	2	W.P. 50 Motors and Controller
1606	" " " " "	2	" " " "
1607	" " " " "	2	" " " "
1608	" " " " "	2	" " " "
1609	" " " " "	2	" " " "
1610	" " " " "	2	" " " "

35 - 25 FT. BOX CARS MANUFACTURED BY J. M. JONES SON IN 1890.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #63.

267	Equipped with Bemis Swivel Trucks	2	G.E.800 Motors and Controller
268	" " " " "	2	" " " "
269	" " " " "	2	" " " "
270	" " " " "	2	" " " "
271	" " " " "	2	" " " "
272	" " " " "	2	" " " "
273	" " " " "	2	" " " "
275	" " " " "	2	" " " "
276	" " " " "	2	" " " "
290	" " " " "	2	" " " "
295	" " " " "	2	W.P. 50 " " "
296	" " " " "	2	" " " "
297	" " " " "	2	" " " "
298	" " " " "	2	" " " "
299	" " " " "	2	" " " "
300	" " Rob. Radial	2	" " " "
301	" " " " "	2	" " " "
302	" " " " "	2	" " " "
303	" " " " "	2	" " " "
304	" " " " "	2	" " " "
305	" " " " "	2	" " " "
306	" " " " "	2	" " " "
307	" " " " "	2	" " " "
308	" " " " "	2	" " " "
309	" " " " "	2	" " " "
322	" " West End Swivel	2	West.12 " " "
323	" " " " "	2	W.P. 50 " " "
324	" " Bemis	2	" " " "
325	" " West End	2	" " " "
326	" " Bemis	2	" " " "
327	" " " " "	2	" " " "
328	" " West End	2	" " " "
329	" " " " "	2	G.E.800 " " "
330	" " Bemis	2	W.P. 50 " " "
331	" " " " "	2	" " " "

132 - 25 FT. BOX CARS MANUFACTURED BY J. M. JONES SON IN 1891.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #92.

2	Equipped with Bemis Swivel Trucks	2	G.E.800 Motor and Controller
5	" " " " "	2	" " " "
7	" " " " "	2	" " " "
10	" " " " "	2	" " " "
12	" " " " "	2	" " " "
19	" " " " "	2	" " " "
20	" " " " "	2	" " " "
25	" " " " "	2	" " " "
43	" " " " "	2	" " " "
93	" " " " "	2	" " " "
107	" " " " "	2	" " " "
109	" " " " "	2	" " " "
113	" " " " "	2	" " " "
114	" " " " "	2	" " " "
121	" " " " "	2	" " " "
125	" " " " "	2	" " " "
126	" " " " "	2	" " " "
131	" " " " "	2	" " " "
136	" " " " "	2	" " " "
138	" " " " "	2	" " " "





143	Equipped with Bemis Swivel Trucks	2	G.E.800 Motors and Controller				
145	"	"	"	"	2	"	"
146	"	"	"	"	2	"	"
151	"	"	"	"	2	"	"
153	"	"	"	"	2	"	"
154	"	"	"	"	2	"	"
155	"	"	"	"	2	"	"
159	"	"	"	"	2	"	"
163	"	"	"	"	2	"	"
165	"	"	"	"	2	"	"
166	"	"	"	"	2	"	"
174	"	"	"	"	2	"	"
182	"	"	"	"	2	"	"
192	"	"	"	"	2	"	"
193	"	"	"	"	2	"	"
197	"	"	"	"	2	"	"
199	"	"	"	"	2	"	"
200	"	West End	"	"	2	West.12	"
201	"	"	"	"	2	"	"
203	"	Bemis	"	"	2	"	"
204	"	"	"	"	2	W.P. 50	"
205	"	"	"	"	2	West.12	"
206	"	"	"	"	2	"	"
207	"	"	"	"	2	G.E.800	"
208	"	"	"	"	2	W.P. 50	"
210	"	West End	"	"	2	West.12	"
211	"	Bemis	"	"	2	G.E.800	"
213	"	"	"	"	2	W.P. 50	"
216	"	"	"	"	2	"	"
277	"	Rob. Radial	"	"	2	"	"
278	"	"	"	"	2	"	"
279	"	"	"	"	2	"	"
280	"	"	"	"	2	"	"
281	"	"	"	"	2	"	"
282	"	"	"	"	2	"	"
283	"	"	"	"	2	"	"
284	"	"	"	"	2	"	"
285	"	"	"	"	2	"	"
286	"	"	"	"	2	"	"
287	"	"	"	"	2	"	"
288	"	Bemis Swivel	"	"	2	"	"
289	"	"	"	"	2	G.E.800	"
310	"	Rob. Radial	"	"	2	W.P. 50	"
311	"	"	"	"	2	"	"
312	"	"	"	"	2	"	"
313	"	"	"	"	2	"	"
314	"	"	"	"	2	"	"
315	"	"	"	"	2	"	"
316	"	"	"	"	2	"	"
332	"	Bemis Swivel	"	"	2	"	"
333	"	West End Comb.	"	"	2	"	"
334	"	Bemis Swivel	"	"	"	"	"
335	"	"	"	"	2	W.P. 50	"
336	"	"	"	"	2	"	"
337	"	"	"	"	2	"	"
338	"	"	"	"	2	"	"
339	"	"	"	"	2	"	"
340	"	Rob. Radial	"	"	2	"	"
341	"	"	"	"	2	"	"
342	"	"	"	"	2	"	"
343	"	West End Swivel	"	"	2	"	"
344	"	Rob. Radial	"	"	2	"	"
345	"	"	"	"	2	"	"
346	"	"	"	"	2	"	"
347	"	"	"	"	2	"	"
348	"	"	"	"	2	"	"
349	"	"	"	"	2	"	"
350	"	"	"	"	2	"	"
621	"	West End Swivel	"	"	2	G.E.800	"
622	"	"	"	"	2	"	"
623	"	"	"	"	2	"	"
624	"	"	"	"	2	"	"
625	"	"	"	"	2	"	"
626	"	"	"	"	2	"	"
627	"	"	"	"	2	"	"
628	"	"	"	"	2	"	"
629	"	"	"	"	2	"	"
630	"	"	"	"	2	"	"





631	Equipped with West End Swivel Trucks	2	G.E.800 Motors and Controller	
632	"	2	"	"
633	"	2	"	"
634	"	2	W.P. 50	"
635	"	2	"	"
636	"	2	"	"
637	"	2	"	"
638	"	2	"	"
639	"	2	"	"
640	"	2	"	"
641	"	2	"	"
642	"	2	"	"
643	"	2	"	"
644	"	2	"	"
645	"	2	"	"
646	"	2	"	"
647	"	2	"	"
648	"	2	G.E.800	"
649	"	2	"	"
650	"	2	"	"
651	"	2	"	"
652	"	2	"	"
653	"	2	"	"
654	"	2	"	"
655	"	2	"	"
656	"	2	"	"
657	"	2	"	"
658	"	2	"	"
659	"	2	"	"
660	"	2	"	"
661	"	2	"	"
662	"	2	"	"
663	"	2	"	"
664	"	2	West.12	"

54 - 25 FT. BOX CARS MANUFACTURED BY J. M. JONES SON IN 1892.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 60.

11	Equipped with West End Swivel Trucks	2	West.12 Motors and Controller	
36	"	2	"	"
41	"	2	"	"
69	"	2	"	"
141	"	2	"	"
144	"	2	"	"
169	"	2	"	"
209	"	2	"	"
241	"	2	"	"
256	"	2	"	"
266	"	2	West.12 A	"
398	"	2	West.12	"
426	"	2	"	"
441	"	2	"	"
476	"	2	"	"
493	"	2	"	"
496	"	2	"	"
497	"	2	"	"
508	"	2	"	"
665	"	2	"	"
666	"	2	"	"
667	"	2	"	"
668	"	2	"	"
669	"	2	"	"
670	"	2	"	"
671	" Bemis	2	"	"
672	"	2	"	"
673	" Taylor	2	"	"
674	" Bemis	2	"	"
675	"	2	"	"
676	"	2	"	"
677	"	2	"	"
678	" West End	2	"	"
679	"	2	"	"
680	"	2	"	"
682	"	2	"	"





683	Equipped with West End Swivel Trucks	2	West .12 Motors and Controller
685	" " " " " "	2	" " " " "
686	" " " " " "	2	" " " " "
687	" " " " " "	2	" " " " "
688	" " Bemis " " " "	2	" " " " "
689	" " " " " "	2	" " " " "
690	" " " " " "	2	" " " " "
691	" " " " " "	2	" " " " "
692	" " " " " "	2	" " " " "
693	" " " " " "	2	" " " " "
694	" " " " " "	2	" " " " "
695	" " " " " "	2	" " " " "
696	" " " " " "	2	" " " " "
697	" " West End " " " "	2	" " " " "
698	" " " " " "	2	" " " " "
699	" " " " " "	2	" " " " "
700	" " " " " "	2	" " " " "
732	" " Laconia " " " "	2	" " " " "

75 - 25 FT. BOX CARS MANUFACTURED BY ST. LOUIS CAR CO. IN 1896.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 54.

4	Equipped with West End Swivel Trucks	2	W.P. 50 Motors and Controller
17	" " " " " "	2	" " " " "
21	" " " " " "	2	" " " " "
22	" " " " " "	2	" " " " "
26	" " " " " "	2	" " " " "
31	" " " " " "	2	" " " " "
47	" " " " " "	2	" " " " "
55	" " " " " "	2	" " " " "
59	" " " " " "	2	" " " " "
62	" " " " " "	2	" " " " "
66	" " " " " "	2	" " " " "
78	" " " " " "	2	" " " " "
80	" " " " " "	2	" " " " "
81	" " " " " "	2	" " " " "
88	" " " " " "	2	" " " " "
89	" " " " " "	2	" " " " "
90	" " " " " "	2	" " " " "
91	" " " " " "	2	G.E. 800 " " "
99	" " " " " "	2	" " " " "
100	" " " " " "	2	W.P. 50 " " "
101	" " " " " "	2	" " " " "
102	" " " " " "	2	" " " " "
103	" " " " " "	2	" " " " "
105	" " " " " "	2	" " " " "
106	" " " " " "	2	G.E. 800 " " "
108	" " " " " "	2	" " " " "
119	" " " " " "	2	" " " " "
130	" " " " " "	2	" " " " "
134	" " " " " "	2	" " " " "
137	" " " " " "	2	" " " " "
156	" " " " " "	2	" " " " "
176	" " " " " "	2	" " " " "
178	" " " " " "	2	" " " " "
180	" " " " " "	2	" " " " "
190	" " " " " "	2	" " " " "
194	" " " " " "	2	" " " " "
217	" " " " " "	2	" " " " "
218	" " " " " "	2	" " " " "
229	" " " " " "	2	" " " " "
230	" " " " " "	2	" " " " "
236	" " " " " "	2	" " " " "
237	" " " " " "	2	" " " " "
242	" " " " " "	2	" " " " "
247	" " " " " "	2	" " " " "
253	" " " " " "	2	W.P. 50 " " "
254	" " " " " "	2	" " " " "
255	" " " " " "	2	" " " " "
358	" " " " " "	2	" " " " "
379	" " " " " "	2	" " " " "





383	Equipped with West End Swivel Trucks	2	W.P. 50 Motors and Controllers		
397	"	2	"	"	"
402	"	2	"	"	"
417	"	2	"	"	"
420	"	2	"	"	"
452	"	2	G.E. 800	"	"
1371	"	2	"	"	"
1372	"	2	"	"	"
1377	"	2	"	"	"
1378	"	2	"	"	"
1379	"	2	"	"	"
1382	"	2	"	"	"
1384	"	2	"	"	"
1385	"	2	"	"	"
1389	"	2	W.P. 50	"	"
1390	"	2	"	"	"
1396	"	2	"	"	"
1397	"	2	"	"	"
1400	"	2	"	"	"
1402	"	2	"	"	"
1403	"	2	West. 12	"	"
1405	"	2	West. 12 A	"	"
1408	"	2	W.P. 50	"	"
1409	"	2	G.E. 800	"	"
1410	"	2	"	"	"
1417	"	2	"	"	"

74 - 25 FT. BOX CARS MANUFACTURED BY PULLMAN CAR CO. IN 1891.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #58.

40	Equipped with Bemis Swivel Trucks	2	W.P. 50 Motors and Controller		
42	"	2	"	"	"
45	"	2	"	"	"
61	"	2	"	"	"
157	"	2	"	"	"
162	"	2	"	"	"
172	"	2	"	"	"
183	"	2	"	"	"
214	" West End	2	"	"	"
220	"	2	"	"	"
221	"	2	"	"	"
223	"	2	"	"	"
224	"	2	"	"	"
225	"	2	"	"	"
227	"	2	"	"	"
228	"	2	"	"	"
231	"	2	"	"	"
232	"	2	"	"	"
240	"	2	"	"	"
243	"	2	G.E. 800	"	"
246	"	2	"	"	"
248	"	"	"	"	"
249	"	2	G.E. 800	"	"
251	"	2	"	"	"
252	"	2	"	"	"
257	"	2	"	"	"
259	"	2	West. 12	"	"
260	"	2	G.E. 800	"	"
261	"	2	"	"	"
262	"	2	"	"	"
263	"	2	"	"	"
264	"	2	"	"	"
265	"	2	"	"	"
317	" Bemis	2	W.P. 50	"	"
318	"	2	"	"	"
319	"	2	"	"	"
320	"	2	"	"	"
321	"	2	G.E. 800	"	"
597	"	2	West. 12	"	"
598	"	2	"	"	"
599	"	2	"	"	"
600	"	2	"	"	"



601	Equipped with Bemis	Swivel Trucks	2	West. 12 Motors and Controller
602	"	"	2	"
603	"	"	2	"
604	"	"	2	"
605	"	"	2	"
606	"	"	2	"
607	"	"	2	"
608	"	"	2	"
609	"	"	2	"
610	"	"	2	"
611	"	"	2	"
612	"	"	2	"
613	"	"	2	"
614	"	"	2	"
615	"	"	2	"
620	"	"	2	"
774	"	"	2	W.P. 50
775	"	"	2	"
776	"	"	2	"
777	"	"	2	"
778	"	"	2	"
779	"	"	2	"
780	"	"	2	"
781	"	"	2	"
782	"	"	2	"
783	"	"	2	"
784	"	"	2	"
785	"	"	2	"
786	"	"	2	"
787	"	West End	2	"
788	"	Bemis	2	"
789	"	"	2	"

7 - 25 FT. BOX CARS SPLICED BY WEST END IN 1891.

STYLE - 8 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 57.

431	Equipped with Bemis	Swivel Trucks	2	G.E. 800 Motors and Controller
434	"	"	2	"
436	"	"	2	"
437	"	"	"	"
438	"	"	2	G.E. 800
442	"	"	2	"
444	"	"	"	"

7 - 25 FT. BOX CARS SPLICED BY WEST END IN 1891.

STYLE - 8 WINDOWS - #2 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 49.

37	Equipped with Bemis	Swivel Trucks	2	G.E. 800 Motors and Controller
51	"	"	2	"
63	"	"	2	"
111	"	"	2	"
161	"	"	2	"
170	"	"	2	"
173	"	"	2	"

1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1891.

STYLE - 8 WINDOWS - #3 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 48.

53 Equipped with Bemis Swivel Trucks 2 G. E. 800 Motors and Controller





1 - 25 FT. BOX CARS SPLICED BY WEST END IN 1891.

STYLE - 8 WINDOWS - SPECIAL ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 48.

46 Equipped with Bemis Swivel Trucks 2 G.E.800 Motors and Controller

1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1891.

STYLE - 8 WINDOWS - #10 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 64.

433 Equipped with Bemis Swivel Trucks 2 G.E.800 Motors and Controller

2 - 25 FT. BOX CARS SPLICED BY WEST END IN 1891.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 62.

181 Equipped with Bemis Swivel Trucks 2 W.P. 50 Motors and Controller  
618 " " West End Swivel Truck 2 West. 12 " " "

3 - 25 FT. BOX CARS SPLICED BY WEST END IN 1891.

STYLE - 10 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 49.

429 Equipped with Bemis Swivel Trucks 2 G.E.800 Motors and Controller  
440 " " " " " 2 " " " "  
443 " " " " " 2 " " " "

1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1891.

STYLE - 10 WINDOWS - #2 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 50.

149 Equipped with Bemis Swivel Trucks 2 G.E.800 Motors and Controller

2 - 25 FT. BOX CARS SPLICED BY WEST END IN 1891.

STYLE - 10 WINDOWS - #3 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 51.

52 Equipped with Bemis Swivel Trucks 2 G.E.800 Motors and Controller  
195 " " " " " 2 " " " "

3 - 25 FT. BOX CARS SPLICED BY WEST END IN 1891.

STYLE - 10 WINDOWS - #6 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 50.

435 Equipped with Bemis Swivel Trucks 2 G.E.800 Motors and Controller  
557 " " " " " 2 " " " "  
167 " " " " " 2 " " " "





1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1891.

STYLE - 10 WINDOWS - #9 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 61.

148 Equipped with Bemis Swivel Trucks 2 G.E. 800 Motors and Controller

1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1891.

STYLE - 11 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 53.

75 Equipped with Bemis Swivel Trucks 2 W.P. 50 Motors and Controller

1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1891.

STYLE - 11 WINDOWS - #3 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 63.

123 Equipped with Bemis Swivel Trucks 2 G.E. 800 Motors and Controller

1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1892.

STYLE - 8 WINDOWS - #10 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 57.

471 Equipped with Bemis Swivel Trucks 2 W.P. 50 Motors and Controller

1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1892.

STYLE - 9 WINDOWS - #3 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 56.

834 Equipped with West End Swivel Trucks 2 W.P. 50 Motors and Controller

2 - 25 FT. BOX CARS SPLICED BY WEST END IN 1892.

STYLE - 10 WINDOWS - # 6 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 56.

827 Equipped with West End Swivel Trucks 2 W.P. 50 Motors and Controller  
1360 " " Bemis " " 2 " " " "

1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1892.

STYLE - 11 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 61.

850 Equipped with West End Swivel Trucks 2 W.P. 50 Motors and Controller



1 - 25 FT. BOX CAR SPLICED BY WEST END IN 1892.

STYLE - 11 WINDOWS - #3 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 52.

458 Equipped with West End Swivel Trucks 2 W.P. 50 Motors and Controller

3 - 25 FT. BOX CARS SPLICED BY WEST END IN 1892.

STYLE - 11 WINDOWS - #4 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 53.

381	Equipped with Bemis Swivel Trucks	2	W.P.	50	Motors	and	Controller
382	" " " " " "	2	"	"	"	"	"
537	" " " " " "	2	"	"	"	"	"

3 - 25 FT. BOX CARS SPLICED BY WEST END IN 1892.

STYLE - 13 WINDOWS - #4 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 58.

409	Equipped with Bemis Swivel Trucks	2	W.P.	50	Motors	and	Controller
561	" " " " " "	2	"	"	"	"	"
826	" " " " " "	2	"	"	"	"	"

2 - 28 FT. BOX CARS MANUFACTURED BY NEWBURYPORT CAR CO. IN 1890

STYLE - 10 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 52.

8 Equipped with West End Swivel Trucks 2 West. 12 Motors and Controller  
258 " "

1 - 22 FT. BOX CAR MANUFACTURED BY NEWBURYPORT CAR CO. IN 1892.

STYLE - 7 WINDOWS - ROUNDED ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 55.

1522 Equipped with West End Swivel Trucks 2 W.P. 50 Motors and Controller.





13 - 20 FT. BOX CARS MANUFACTURED BY NEWBURYPORT CAR CO. IN 1894.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 75.

274	Equipped with West End Short Trucks	1	West.12 A Motor and Controller
355	" " " " "	1	" " " "
372	" " " " "	1	W.P. 50 " " "
405	" " " " "	2	" " " "
422	" " " " "	2	West.12 A " " "
423	" St. Louis	2	W.P. 50 " " "
498	" West End Short	1	" " " "
507	" " " " "	1	" " " "
515	" " " " "	1	" " " "
574	" " " " "	2	" " " "
575	" " " " "	2	" " " "
576	" " " " "	2	" " " "
577	" " " " "	2	" " " "

24 - 20 FT. BOX CARS MANUFACTURED BY J. M. JONES SON IN 1894.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #72.

617	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
684	" " " " "	2	" " " "
836	" " " " "	1	" " " "
837	" " " " "	1	West.12 A " " "
866	" " " " "	1	W.P. 50 " " "
867	" " " " "	2	" " " "
868	" " " " "	1	" " " "
869	" " " " "	1	" " " "
870	" " " " "	1	West.12 A " " "
871	" " " " "	1	" " " "
872	" " " " "	1	" " " "
873	" " " " "	1	" " " "
874	" " " " "	1	" " " "
875	" " " " "	1	W.P. 50 " " "
876	" " " " "	1	" " " "
877	" " " " "	1	" " " "
878	" " " " "	1	West.12 A " " "
879	" " " " "	1	W.P. 50 " " "
880	" " " " "	1	" " " "
881	" " " " "	1	" " " "
882	" " " " "	1	" " " "
883	" " " " "	1	" " " "
884	" " " " "	1	" " " "
885	" " " " "	1	" " " "

20 - 20 FT. BOX CARS MANUFACTURED BY J. M. JONES SON IN 1895.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 74.

593	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
681	" St. Louis	1	" " " "
828	" West End Short	2	" " " "
829	" " " " "	2	" " " "
830	" " " " "	2	" " " "
831	" " " " "	2	" " " "
841	" " " " "	2	West.12 " " "
943	" St. Louis	1	Walker " " "
946	" " " " "	1	" " " "
947	" " " " "	1	" " " "
984	" " " " "	1	" " " "
1013	" West End Short	2	W.P. 50 " " "
1014	" " " " "	2	" " " "
1015	" " " " "	2	" " " "
1016	" " " " "	1	" " " "
1017	" " " " "	1	" " " "
1055	" St. Louis	2	Walker " " "
1056	" " " " "	2	" " " "
1057	" " " " "	1	" " " "
1058	" " " " "	1	" " " "





47 - 20 FT. BOX CARS MANUFACTURED BY J. M. JONES SON, SPLICED IN 1892.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 92.

483	Equipped with West End Short Trucks	1	G.E.800	Motor and Controller			
484	"	"	"	"	"	"	"
487	"	"	"	"	"	"	"
488	"	"	"	"	"	"	"
489	"	"	"	"	"	"	"
491	"	"	"	"	"	"	"
499	"	"	"	"	"	"	"
500	"	"	"	"	"	"	"
501	"	"	"	"	"	"	"
502	"	St. Louis	"	"	"	"	"
503	"	West End Short	"	"	"	"	"
504	"	"	"	"	"	"	"
505	"	"	"	"	"	"	"
506	"	"	"	"	"	"	"
510	"	"	"	"	"	"	"
511	"	"	"	"	"	"	"
512	"	"	"	"	"	"	"
513	"	"	"	"	"	"	"
514	"	"	"	"	"	"	"
516	"	"	"	"	"	"	"
517	"	"	"	"	"	"	"
518	"	"	"	"	"	"	"
521	"	"	"	"	"	"	"
522	"	"	"	"	"	"	"
523	"	"	"	"	"	"	"
524	"	"	"	"	"	"	"
525	"	"	"	"	"	"	"
1210	"	"	"	"	"	"	"
1211	"	"	"	"	"	"	"
1212	"	"	"	"	"	"	"
1213	"	"	"	"	"	"	"
1214	"	"	"	"	"	"	"
1215	"	"	"	"	"	"	"
1216	"	"	"	"	"	"	"
1218	"	"	"	"	"	"	"
1219	"	"	"	"	"	"	"
1220	"	"	"	"	"	"	"
1221	"	"	"	"	"	"	"
1463	"	"	"	"	"	"	"
1464	"	"	"	"	"	"	"
1465	"	"	"	"	"	"	"
1467	"	"	"	"	"	"	"
1468	"	"	"	"	"	"	"
1469	"	"	"	"	"	"	"
1470	"	"	"	"	"	"	"
1474	"	"	"	"	"	"	"
1475	"	"	"	"	"	"	"

16 - 20 FT. BOX CARS MANUFACTURED BY J. M. JONES SON, SPLICED IN 1893.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 74.

492	Equipped with West End Short Trucks	1	W.P. 50	Motor and Controller			
494	"	"	"	"	"	"	"
1450	"	"	"	"	"	"	"
1451	"	"	"	"	"	"	"
1452	"	"	"	"	"	"	"
1453	"	"	"	"	"	"	"
1454	"	"	"	"	"	"	"
1455	"	"	"	"	"	"	"
1456	"	"	"	"	"	"	"
1457	"	"	"	"	"	"	"
1458	"	"	"	"	"	"	"
1459	"	"	"	"	"	"	"
1460	"	"	"	"	"	"	"
1461	"	"	"	"	"	"	"
1462	"	"	"	"	"	"	"
1472	"	"	"	"	"	"	"



2 - 20 FT. PARLOR CARS MANUFACTURED BY J. M. JONES SON IN 1894.

STYLE - 6 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 51.

924	Equipped with Peckham Trucks	2	West.12	Motors	and	Controller
925	" " " " " "	2	W.P. 50	"	"	"

47 - 20 FT. BOX CARS MANUFACTURED BY ST. LOUIS CAR CO. IN 1894.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 75.

886	Equipped with Brill Short Trucks	1	West.12	A Motor	and	Controller
887	" " " " " "	2	"	"	"	"
888	" " West End Short Trucks	2	West.12	"	"	"
889	" " " " " "	2	"	"	"	"
890	" " " " " "	1	W.P. 50	"	"	"
891	" " " " " "	2	"	"	"	"
892	" " " " " "	2	"	"	"	"
893	" " " " " "	2	"	"	"	"
894	" " St. Louis	1	G.E.800	"	"	"
895	" " West End Short	1	W.P. 50	"	"	"
896	" " " " " "	1	"	"	"	"
897	" " " " " "	1	"	"	"	"
898	" " " " " "	2	West.12	"	"	Rheostat
899	" " " " " "	2	"	"	"	"
900	" " " " " "	2	"	"	"	"
901	" " " " " "	2	"	"	"	"
902	" " " " " "	2	"	"	"	"
903	" " " " " "	2	"	"	"	"
904	" " " " " "	2	"	"	"	"
905	" " " " " "	1	"	"	"	"
906	" " " " " "	1	"	"	"	"
907	" " " " " "	2	"	"	"	"
908	" " " " " "	2	"	"	"	"
909	" " " " " "	1	"	"	"	"
910	" " " " " "	2	"	"	"	"
911	" " " " " "	2	"	"	"	"
912	" " " " " "	1	"	"	"	"
913	" " " " " "	1	"	"	"	"
914	" " " " " "	1	"	"	"	"
915	" " " " " "	1	"	"	"	"
916	" " " " " "	2	"	"	"	"
917	" " " " " "	2	"	"	"	"
918	" " " " " "	1	"	"	"	"
919	" " " " " "	2	"	"	"	"
920	" " " " " "	1	"	"	"	"
921	" " " " " "	2	"	"	"	"
922	" " " " " "	1	"	"	"	"
923	" " " " " "	1	"	"	"	"
1576	" " " " " "	1	West.12	A	"	Controller
1577	" " " " " "	1	"	"	"	"
1578	" " " " " "	1	"	"	"	"
1579	" " " " " "	1	"	"	"	"
1580	" " " " " "	2	"	"	"	"
1581	" " " " " "	2	"	"	"	"
1582	" " " " " "	1	"	"	"	"
1583	" " " " " "	1	"	"	"	"
1584	" " " " " "	1	"	"	"	"

10 - 20 FT. BOX CARS MANUFACTURED BY LACONIA CAR CO. IN 1895.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 73.

72	Equipped with West End Short Trucks	1	G.E.800	Motor	and	Controller
112	" " " " " "	1	W.P. 50	"	"	"
115	" " " " " "	1	G.E.800	"	"	"
117	" " " " " "	1	W.P. 50	"	"	"
127	" " " " " "	1	"	"	"	"
147	" " " " " "	1	"	"	"	"
233	" " " " " "	1	"	"	"	"





235	Equipped with West End Short Trucks	2	West.12 A Motors and Controller
239	" " " " " "	2	" " " " "
416	" " " " " "	1	" " " " "

1. - 20 FT. BOX CAR MANUFACTURED BY BROWNELL CAR CO. IN 1892.

STYLE - 8 WINDOWS - #1 ROOF. THIS CAR WAS BURNED BEFORE PICTURES WERE TAKEN.

356 Equipped with West End Short Trucks 2 West.12 A Motors and Controller

2. - 20 FT. BOX CAR MANUFACTURED BY BROWNELL CAR CO. IN 1892, REBUILT IN 1895.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH #1 ON PAGE #66.

120	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
82	" " " " " "	2	" " " " "

44 - 20 FT. BOX CARS MANUFACTURED BY BROWNELL CAR CO. IN 1893.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH #1 ON PAGE #65.

116	Equipped with West End Short Trucks	2	W.P. 50 Motors and Controller
124	" " Brill	1	West.12 A " " "
128	" " "	2	" " " " "
135	" " West End	1	" " " " "
140	" " Brill	2	" " " " "
142	" " "	2	" " " " "
177	" " "	2	" " " " "
187	" " "	2	" " " " "
198	" " West End	1	W.P. 50 " " "
202	" " "	1	" " " " "
226	" " "	1	" " " " "
238	" " "	1	" " " " "
250	" " "	1	" " " " "
351	" " "	1	" " " " "
362	" " "	1	" " " " "
369	" " "	1	" " " " "
374	" " "	1	" " " " "
415	" " "	1	" " " " "
425	" " "	1	" " " " "
432	" " "	1	" " " " "
445	" " "	1	" " " " "
446	" " "	1	" " " " "
460	" " "	1	West.12 A " " "
477	" " "	1	" " " " "
480	" " "	2	W.P. 50 " " "
481	" " "	1	G.E.800 " " "
482	" " "	2	West.12 A " " "
485	" " "	1	W.P. 50 " " "
486	" " "	1	G.E.800 " " "
490	" " "	2	W.P. 50 " " "
495	" " "	2	West.12 A " " "
509	" " "	2	" " " " "
519	" " "	1	W.P. 50 " " "
520	" " "	1	" " " " "
526	" " "	1	" " " " "
531	" " "	1	" " " " "
543	" " "	1	" " " " "
545	" " "	1	" " " " "
548	" " "	1	" " " " "
556	" " "	1	" " " " "
565	" " "	1	W.P. 50 " " "
566	" " "	1	West.12 A " " "
571	" " "	1	" " " " "
573	" " "	1	W.P. 50 " " "





30 - 20 FT. BOX CARS MANUFACTURED BY BARNEY & SMITH CAR CO. IN 1895.

STYLE- 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 73.

413	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
587	" " " " " "	1	" " " "
790	" " " " " "	1	" " " "
1020	" " " " " "	1	" " " "
1023	" " " " " "	1	" " " "
1024	" " " " " "	1	" " " "
1033	" " " " " "	1	" " " "
1046	" " " " " "	1	" " " "
1059	" " " " " "	2	" " " "
1060	" " " " " "	1	" " " "
1061	" " " " " "	1	" " " "
1062	" " " " " "	1	" " " "
1063	" " " " " "	1	" " " "
1064	" " " " " "	1	" " " "
1065	" " " " " "	1	" " " "
1066	" " " " " "	1	" " " "
1067	" " " " " "	1	" " " "
1068	" " " " " "	1	" " " "
1069	" " " " " "	1	" " " "
1070	" " " " " "	1	" " " "
1071	" " " " " "	1	" " " "
1072	" " " " " "	1	" " " "
1073	" " " " " "	1	" " " "
1074	" " " " " "	1	" " " "
1075	" " " " " "	1	" " " "
1076	" " " " " "	1	" " " "
1077	" " " " " "	1	" " " "
1078	" " " " " "	1	" " " "
1079	" " " " " "	1	" " " "
1080	" " " " " "	1	" " " "

3 - 20 FT. BOX CARS SPLICED BY ELLIS CAR CO. IN 1892.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 70.

761	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
763	" " " " " "	2	" " " "
766	" " " " " "	1	G.E. 800 " " "

10 - 20 FT. BOX CARS SPLICED BY NEWBURYPORT CAR CO. IN 1892.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 3 ON PAGE # 72.

750	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
751	" " " " " "	1	" " " "
752	" " " " " "	1	" " " "
753	" " " " " "	1	" " " "
755	" " " " " "	1	" " " "
759	" " " " " "	1	" " " "
760	" " " " " "	1	" " " "
762	" " " " " "	1	" " " "
764	" " " " " "	1	" " " "
765	" " " " " "	1	" " " "

16 - 20 FT. BOX CARS SPLICED BY WEST END IN 1892.

STYLE - 6 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 68.

87	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
94	" " " " " "	1	" " " "
97	" " " " " "	2	" " " "
104	" " Brill	1	West. 12 A " " "



152	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
175	" " " " "	1	West.12 A " " "
189	" " Brill " " "	2	" " " "
191	" " West End " " "	1	" " " "
550	" " " " "	1	W.P. 50 " " "
569	" " " " "	1	" " " "
703	" " " " "	1	" " " "
754	" " " " "	1	West.12 A " " "
756	" " " " "	1	" " " "
757	" " " " "	1	" " " "
758	" " " " "	1	" " " "
9	" " " " "	1	W.P. 50 " " "

3 - 20 FT. BOX CARS SPLICED BY WEST END IN 1892.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPHS #2 ON PAGE #66 & #2 ON PAGE #69.

212	Equipped with Brill Short Trucks	2	West.12 A Motors and Controller
1202	" " West End Short Trucks	1	W.P. 50 " " "
746	" " " " "	1	" " " "

1-- 20 FT. BOX CAR SPLICED BY WEST END IN 1892.

STYLE - 8 WINDOWS - #8 ROOF. SEE PHOTOGRAPH #1 ON PAGE #68.

1265 Equipped with West End Short Trucks 1 W.P. 50 Motor and Controller

1-- 20 FT. BOX CAR SPLICED BY WEST END IN 1892.

STYLE - 10 WINDOWS - #1 ROOF. SEE PHOTOGRAPG #1 ON PAGE # 67.

1173 Equipped with West End Short Trucks 1 W.P. 50 Motor and Controller

1-- 20 FT. BOX CAR SPLICED BY WEST END IN 1892.

STYLE - 10 WINDOWS - #7 ROOF. SEE PHOTOGRAPH #1 ON PAGE #71.

1274 Equipped with West End Short Trucks 1 W.P. 50 Motor and Controller

26 - 20 FT. BOX CARS SPLICED BY WEST END IN 1893.

STYLE - 6 WINDOWS - #1 ROOF. SEE PHOTOGRAPH #1 ON PAGE #69.

359	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
388	" " " " "	1	" " " "
395	" " " " "	1	" " " "
401	" " " " "	1	" " " "
406	" " " " "	1	" " " "
465	" " " " "	1	" " " "
551	" " " " "	1	" " " "
559	" " " " "	1	G.E.800 " " "
560	" " " " "	1	W.P. 50 " " "
563	" " " " "	1	West.12 A " " "
567	" " " " "	1	W.P. 50 " " "
568	" " " " "	1	" " " "
702	" " " " "	1	" " " "
704	" " " " "	1	" " " "
709	" " " " "	1	" " " "
724	" " " " "	1	" " " "





725	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
733	" " " " "	1	" " " "
735	" Brill " " "	2	West.12 A " " "
740	" West End " " "	1	W.P. 50 " " "
742	" " " " "	1	" " " "
743	" " " " "	1	" " " "
745	" " " " "	1	" " " "
855	" " " " "	1	" " " "
540	" " " " "	1	" " " "
1519	" " " " "	1	West.12 A " " "

3 - 20 FT. BOX CARS SPLICED BY WEST END IN 1893.

STYLE - 7 WINDOWS - # 1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 76.

363	Equipped with Brill Short Trucks	2	West.12 A Motors and Controller
558	" West End Short Trucks	1	W.P. 50 " " "
564	" Brill " "	1	West.12 A " " "

12 - 20 FT. BOX CARS SPLICED BY WEST END IN 1893.

STYLE - 8 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #67.

219	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
594	" " " " "	1	" " " "
595	" " " " "	1	" " " "
596	" " " " "	1	" " " "
1352	" " " " "	1	" " " "
1353	" " " " "	1	" " " "
1362	" " " " "	1	" " " "
1367	" " " " "	1	" " " "
1439	" " " " "	1	" " " "
1446	" " " " "	2	" " " "
1486	" " " " "	1	" " " "
1487	" " " " "	1	" " " "

3 - 20 FT. BOX CARS SPLICED BY WEST END IN 1893.

STYLE - 9 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #65.

455	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
546	" " " " "	1	" " " "
541	" " " " "	1	" " " "





1 - 16 FT. DIRECTORS CAR - J.M. JONES SON CAR - CONVERTED IN 1895

TO A DIRECTORS CAR

STYLE - 5 WINDOWS - #9 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 82.

1230 Equipped with St. Louis Trucks 2 W.P. 50 Motors and Controller

3 - 16 FT. MAIL CARS MANUFACTURED BY WEST END IN 1895

STYLE - 2 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 101.

1299	Equipped with West End Short Trucks 2 W.P. 50 Motors and Controller
1300	" " " " " 2 " " " "
1301	" " " " " 2 " " " "

8 - 16 FT. MAIL CARS - METROPOLITAN CARS - REBUILT IN 1895 TO MAIL CARS.

STYLE - 7 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 101.

410	Equipped with								and Controller
412	"	"	West End Short Trucks 2 W.P. 50 Motors	"	"	"	"	"	"
448	"	"	"	"	"	2	"	"	"
473	"	"	"	"	"	2	"	"	"
532	"	"	"	"	"	2	"	"	"
711	"	"	"	"	"	2	"	"	"
712	"	"	"	"	"	2	"	"	"
723	"	"	"	"	"	2	"	"	"

4 - 16 FT. BOX CARS MANUFACTURED BY NEWBURYPORT CAR CO. IN 1888.

STYLE - 5 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 80.

427	Equipped with West End Short Trucks 1 Walker Motor and Controller
428	" " " " " 1 W.P. 50 " " "
430	" " " " " 1 " " " Rheostat
439	" " " " " 1 " " " Controller

1 - 16 FT. BOX CARS MANUFACTURED BY J. M. JONES SON IN 1888.

STYLE - 5 WINDOWS - #9 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 83.

1204 Equipped with West End Short Trucks 1 W.P. 50 Motor and Rheostat

1 - 16 FT. BOX CAR MANUFACTURED BY J. M. JONES SON IN 1888.

STYLE - 5 WINDOWS - #8 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 77.

1208 Equipped with West End Short Trucks 1 W.P. 50 Motor and Rheostat

8 - 16 FT. BOX CARS MANUFACTURED BY J. M. JONES SON IN 1888.

STYLE - 5 WINDOWS - #10 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 78.

1406	Equipped with West End Short Trucks 1 W.P. 50 Motor and Rheostat
1407	" " " " " 1 " " " "



1411	Equipped with West End Short Trucks	1	W.P.	50	Motor	and	Rheostat	
1412	"	"	"	"	2	"	"	Controller -Service
1413	"	"	"	"	1	"	"	Rheostat
1415	"	"	"	"	1	"	"	"
1416	"	"	"	"	1	"	"	"
1419	"	"	"	"	1	"	"	"

1 - 16 FT. BOX CAR MANUFACTURED BY J. M. JONES SON IN 1888.

STYLE - 5 WINDOWS - #16 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #70.

1414 Equipped with west End Short Trucks 1 W.P. 50 Motor and Rheostat

3 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.

STYLE - 5 WINDOWS - #2 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #78.

83	Equipped with West End Short Trucks	1	W.P.	50	Motor	and	Rheostat
96	"	"	"	"	2	"	"
186	"	"	"	"	1	"	"

4 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.

STYLE - 5 WINDOWS - #4 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #77.

164	Equipped with West End Short Trucks	1	W.P.	50	Motor	and	Rheostat
530	"	"	"	"	1	"	Controller
590	"	"	"	"	1	"	Rheostat
591	"	"	"	"	1	"	"

1 - 16 FT. BOX CAR CONVERTED FROM HORSE CAR.

STYLE - 5 WINDOWS - #9 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #79.

1 Equipped with West End Short Trucks 2 W.P. 50 Motors and Rheostat

7 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.

STYLE - 6 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #80.

196	Equipped with West End Short Trucks	1	W.P.	50	Motor	and	Rheostat
222	"	"	"	"	1	"	"
533	"	"	"	"	1	Walker	Controller
534	"	"	"	"	1	W.P. 50	Rheostat
535	"	"	"	"	1	"	"
592	"	"	"	"	1	"	Controller
619	"	"	"	"	1	"	Rheostat

5 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.

STYLE - 6 WINDOWS - #8 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #81.

1018	Equipped with West End Short Trucks	1	W.P.	50	Motor	and	Rheostat
1019	"	"	"	"	1	"	Controller
1022	"	"	"	"	1	"	Rheostat
1025	"	"	"	"	1	"	"
1026	"	"	"	"	1	"	"





1 - 16 FT BOX CAR CONVERTED FROM HORSE CAR.STYLE - 6 WINDOWS - #10 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 84.

1440 Equipped with West End Short Trucks 1 W.P. 50 Motor and Rheostat

4 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.STYLE - 7 WINDOWS - #3 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #81.

	3	Equipped with West End Short Trucks							and Rheostat
15	"	"	"	"	"	"	1	W.P. 50 Motor	" "
60	"	"	"	"	"	"	1	" "	" "
168	"	"	"	"	"	"	2	" "	" "

2 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.STYLE - 8 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 3 ON PAGE # 80.

421	Equipped with West End Short Trucks	1	W.P. 50 Motor and Controller
456	"	2	" " " "

4 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.STYLE - 8 WINDOWS - #7 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 83.

24	Equipped with West End Short Trucks	1	W.P. 50 Motor and Rheostat
84	"	1	" " " "
92	"	1	" " " "
150	"	1	" " " "

16 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.STYLE - 8 WINDOWS - # 8 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 71.

23	Equipped with West End Short Trucks	1	W.P. 50 Motor and Rheostat
944	"	1	" " " Controller
945	"	1	" " " Rheostat
956	"	1	" " " "
957	"	"	" " " "
958	"	2	W.P. 50 " " "
959	"	1	" " " "
960	"	1	" " " "
961	"	1	" " " "
962	"	1	" " " "
963	"	1	" " " Controller
964	"	1	West.12 A " " "
965	"	"	" " " "
966	"	1	west.12 A " " Rheostat
1045	"	1	W.P. 50 " " "
1047	"	"	" " " "

5 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.STYLE - 8 WINDOWS - #9 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 79.

160	Equipped with West End Short Trucks	1	W.P. 50 Motor and Rheostat
939	"	1	" " " "





942	Equipped with West End Short Trucks	1	W.P.	50	Motor	and	Rheostat
948	"	"	"	"	"	"	"
949	"	"	"	"	"	"	"

2 - 16 FT. BOX CARS CONVERTED FROM HORSE CARS.

STYLE - 8 WINDOWS - #10 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 82.

1483	Equipped with West End Short Trucks	2	W.P.	50	Motor	and	Controller Service
1493	"	"	Bemis 6 A	"	"	"	Rheostat

2 LOCOMOTIVES MANUFACTURED BY WEST END IN 1890

STYLE - 4 WINDOWS - #1 ROOF. SEE PHOTOGRAPH # 3 ON PAGE # 92.

A	Equipped with West End Short Trucks	2	W.P.	50	Motors	and	Controller
B	"	"	#25	"	2	"	"



20 - 9 BENCH OPEN CARS MANUFACTURED BY ELLIS CAR CO. IN 1893

STYLE - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #86.

1651	Equipped with	West End Short Trucks	1	W.P. 50 Motor and Rheostat
1652	"	"	1	"
1653	"	"	1	"
1654	"	"	1	"
1655	"	"	1	"
1656	"	"	1	West. 12 A"
1657	"	St. Louis	1	"
1658	"	West End Short	1	"
1659	"	St. Louis	1	"
1676	"	"	"	"
1688	"	West End Short	1	W.P. 50
1693	"	"	1	"
1695	"	"	1	"
1697	"	"	"	"
1698	"	"	"	"
1712	"	"	"	"
1720	"	"	1	W.P. 50
1749	"	"	1	"
1779	"	"	1	"
1789	"	"	1	"

85 - 9 BENCH OPEN CARS MANUFACTURED BY ST. LOUIS CAR CO. IN 1895.

STYLE #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 96.

1678	Equipped with	St. Louis	Trucks	and Rheostat
1679	"	"	"	"
1684	"	"	"	"
1706	"	"	"	"
1709	"	"	"	"
1714	"	West End Short	1 West. 12 A Motor	"
1717	"	"	1	"
1719	"	"	"	"
1723	"	"	1 West. 12 A	"
1726	"	"	1	"
1729	"	"	1	"
1731	"	"	1	"
1974	"	St. Louis	1 W.P. 50	"
1975	"	"	1	"
1976	"	"	"	"
1977	"	"	1 W.P. 50	"
1978	"	"	1	"
1979	"	"	1	"
1980	"	"	1	"
1981	"	"	1	"
1982	"	"	1	"
1983	"	"	1	"
1984	"	"	1	"
1985	"	"	1	"
1986	"	"	1	"
1987	"	"	1	"
1988	"	"	1	"
1989	"	"	1	"
1990	"	"	1	"
1991	"	"	1	"
1992	"	"	1	"
1993	"	"	1	"
1994	"	"	1	"
1995	"	"	1 West. 12 A	"
1996	"	"	1	"
1997	"	"	1	"
1998	"	"	1	"
1999	"	"	1	"
2000	"	West End Short	1	"
2013	"	"	1	"
2015	"	"	1	"
2016	"	"	1	"
2017	"	"	1	"
2018	"	"	1	"
2019	"	"	1	"





2021	Equipped with West End Short Trucks	1	West.12 A Motor and Rheostat
2022	"	1	"
2023	"	1	"
2027	"	1	"
2028	"	1	"
2031	"	1	"
2032	"	"	"
2033	"	1 W.P. 50	"
2034	"	"	"
2036	"	1 W.P. 50	"
2038	"	1	"
2044	"	"	"
2045	"	1 W.P. 50	"
2048	"	1 West.12 A	"
2055	"	1	"
2065	"	1	"
2066	"	1	"
2099	"	1	"
2101	"	1	"
2105	"	1	"
2106	"	1 W.P. 50	"
2107	"	"	"
2170	"	1 W.P. 50	"
2171	"	1	"
2173	"	1	"
2203	"	1	"
2204	"	1	"
2205	"	1	"
2206	"	1	"
2207	"	1 West.12 A	"
2209	"	1	"
2226	"	1	"
2227	"	1	"
2228	"	"	"
2229	"	1 West.12 A	"
2230	"	1	"
2231	"	1	"
2232	" St. Louis	"	"
2233	"	"	"
2234	"	"	"

180 - 9 BENCH OPEN CARS MANUFACTURED BY ST. LOUIS CAR CO. IN 1896.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #95.

1718	Equipped with St. Louis Trucks	1	W.P. 50 Motor and Rheostat
1738	"	1	"
1750	"	1	"
1757	"	1	"
1759	"	1	"
1761	"	1	"
1763	"	1	"
1771	"	"	"
1840	"	1 W.P. 50	"
2002	"	1	"
2003	"	1	"
2006	"	1	"
2008	"	1	"
2011	"	"	"
2014	"	1 W.P. 50	"
2039	"	1	"
2041	"	1	"
2043	"	1	"
2129	"	"	"
2137	" Brill Short	1 W.P. 50	"
2165	" St. Louis	1	"
2166	"	2	"
2167	"	2	"
2169	"	1	"
2172	"	1 West.12 A	"
2194	"	1	"
2197	"	1	"
2208	"	1	"
2211	"	1	"





2214	Equipped with St. Louis Trucks	1	West.12 A Motor and Rheostat
2246	"	1	"
2247	"	1	"
2248	"	1	"
2249	"	1	"
2250	"	1	"
2251	"	1	"
2252	"	1	W.P. 50
2253	"	1	"
2254	"	"	"
2255	"	1	W.P. 50
2256	"	1	"
2257	"	1	"
2258	"	1	"
2259	"	"	"
2260	"	1	W.P. 50
2261	"	"	"
2262	"	1	W.P. 50
2263	"	1	"
2264	"	1	"
2265	"	1	"
2266	"	1	"
2267	"	1	"
2268	"	1	"
2269	"	1	"
2270	"	1	"
2271	"	1	"
2272	"	1	"
2273	"	1	"
2274	"	1	"
2275	"	1	"
2276	"	1	"
2277	"	1	"
2278	"	1	"
2279	"	1	"
2280	"	1	"
2281	"	1	West.12 A
2282	"	1	"
2283	"	1	"
2284	"	1	"
2285	"	1	"
2286	"	1	"
2287	"	1	"
2288	"	1	"
2289	"	1	"
2290	"	1	"
2291	"	1	"
2292	"	1	"
2293	"	1	"
2294	"	1	"
2295	"	1	"
2296	"	1	"
2297	"	1	"
2298	"	1	"
2299	"	1	"
2300	"	1	"
2301	"	1	"
2302	"	1	"
2303	" Brill Short	1	"
2304	" St. Louis	1	"
2305	"	1	"
2306	"	1	"
2307	"	1	"
2308	"	1	"
2309	"	"	"
2310	"	"	"
2311	"	"	"
2312	"	1	West.12 A
2313	"	1	"
2314	"	1	"
2315	"	1	"
2316	"	1	"
2317	" Brill Short	1	"
2318	"	1	"
2319	" St. Louis	"	"
2320	"	1	West.12 A
2321	" Brill Short	1	"
2322	"	1	"



2323	Equipped with Brill Short Trucks	1	West 12 A Motor and Rheostat		
2324	" " " "	1	" " "		
2325	" " St. Louis	1	" " "		
2326	" " " "	1	" " "		
2327	" " " "			"	"
2328	" " West End Short Trucks			"	"
2329	" " St. Louis Truck	1	West.12 A	"	"
2330	" " " "	1	"	"	"
2331	" " " "	1	"	"	"
2332	" " " "			"	"
2333	" " " "	1	West.12 A	"	"
2334	" " " "	1	"	"	"
2335	" " " "	1	"	"	"
2336	" " " "	1	"	"	"
2337	" " " "	1	"	"	"
2338	" " " "	1	W.P. 50	"	"
2339	" " " "			"	"
2340	" " " "			"	"
2341	" " " "			"	"
2342	" " " "			"	"
2343	" " " "			"	"
2344	" " " "			"	"
2345	" " " "			"	"
2346	" " " "			"	"
2347	" " " "			"	"
2348	" " " "			"	"
2349	" " " "			"	"
2350	" " " "	1	W.P. 50	"	"
2353	" " " "	1	West.12 A	"	"
2357	" " " "	1	"	"	"
2363	" " " "	1	"	"	"
2364	" " " "	1	"	"	"
2365	" " " "	1	"	"	"
2366	" " " "			"	"
2371	" " " "	1	West.12 A	"	"
2372	" " " "	1	"	"	"
2375	" " " "	1	"	"	"
2396	" " " "	1	"	"	"
2397	" " " "	1	"	"	"
2398	" " " "	1	"	"	"
2400	" " " "			"	"
2401	" " " "	1	West. 12 A	"	"
2402	" " " "	1	"	"	"
2403	" " " "	1	"	"	"
2404	" " " "	1	"	"	"
2406	" " " "	1	"	"	"
2410	" " " "	1	"	"	"
2412	" " " "	1	"	"	"
2413	" " " "	1	"	"	"
2415	" " " "	1	"	"	"
2416	" " " "	1	"	"	"
2417	" " " "	1	"	"	"
2418	" " " "			"	"
2419	" " " "			"	"
2420	" " " "			"	"
2421	" " " "			"	"
2422	" " " "	1	West.12 A	"	"
2423	" " " "	1	"	"	"
2424	" " " "			"	"
2425	" " " "			"	"
2426	" " " "			"	"
2427	" " " "	1	W.P.50	"	"
2428	" " " "	1	"	"	"
2429	" " " "			"	"
2430	" " " "	1	W.P. 50	"	"
2431	" " " "	1	"	"	"
2432	" " " "	1	"	"	"
2433	" " " "	1	"	"	"
2434	" " " "	1	"	"	"
2435	" " " "	1	"	"	"
2436	" " " "	1	"	"	"
2437	" " " "	1	"	"	"
2438	" " " "	1	"	"	"





70 - 9 BENCH OPEN CARS MANUFACTURED BY ST. LOUIS CAR CO. IN 1897.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #93.

2525	Equipped with Brill Short Trucks	1 W.P. 50 Motor and Rheostat
2526	" " " " "	" "
2529	" " " " "	1 W.P. 50 " "
2530	" " " " "	1 " " "
2531	" " " " "	1 " " "
2532	" " " " "	1 " " "
2533	" " " " "	1 " " "
2534	" " " " "	1 " " "
2535	" " " " "	1 West.12 A " "
2536	" " " " "	1 " " "
2537	" " " " "	1 " " "
2538	" " " " "	1 " " "
2539	" " " " "	1 " " "
2540	" " " " "	1 " " "
2541	" " " " "	1 " " "
2542	" " " " "	1 " " "
2543	" " " " "	1 " " "
2544	" " " " "	1 " " "
2545	" " " " "	1 " " "
2546	" " " " "	1 W.P. 50 " "
2547	" " " " "	1 West.12 A " "
2548	" " " " "	1 " " "
2549	" " " " "	" "
2550	" " " " "	1 West.12 A " "
2551	" " " " "	1 " " "
2552	" " " " "	1 " " "
2553	" " " " "	1 " " "
2554	" " " " "	" "
2555	" " " " "	" "
2556	" " " " "	" "
2557	" " " " "	" "
2558	" " " " "	1 West.12 A " "
2559	" " " " "	1 " " "
2560	" " " " "	" "
2561	" " " " "	1 W.P. 50 " "
2562	" " " " "	1 " " "
2563	" " " " "	1 " " "
2564	" " " " "	1 " " "
2565	" " " " "	1 " " "
2566	" " " " "	1 " " "
2567	" " " " "	1 " " "
2568	" " " " "	1 " " "
2569	" " " " "	1 " " "
2570	" " " " "	1 West.12 A " "
2571	" " " " "	1 " " "
2572	" " " " "	1 " " "
2573	" " " " "	1 " " "
2574	" " " " "	1 " " "
2575	" " " " "	1 " " "
2576	" " " " "	1 " " "
2577	" " " " "	1 " " "
2578	" " " " "	1 " " "
2579	" " " " "	1 " " "
2580	" " " " "	1 " " "
2581	" " " " "	1 " " "
2582	" " " " "	1 " " "
2583	" " " " "	1 " " "
2584	" " " " "	1 " " "
2585	" " " " "	" "
2586	" " " " "	" "
2587	" " " " "	1 West.12 A " "
2588	" " " " "	1 " " "
2589	" " " " "	1 " " "
2590	" " " " "	1 " " "
2591	" " " " "	" "
2592	" " " " "	" "
2593	" " " " "	" "
2594	" " " " "	" "
2595	" " " " "	1 West. 12 A" "
2596	" " " " "	" "





47 - 9 BENCH OPEN CARS MANUFACTURED BY MASSACHUSETTS CAR CO. IN 1895.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 96.

1732	Equipped with	St. Louis	Trucks	1	West.12	A	Motor	and	Rheostat
1734	"	"	"	1	"	"	"	"	"
1743	"	"	"	1	"	"	"	"	"
1752	"	"	"	1	"	"	"	"	"
1755	"	"	"	1	"	"	"	"	"
1760	"	"	"	1	"	"	"	"	"
1762	"	"	"	1	"	"	"	"	"
1764	"	West End Short	"					"	"
1765	"	St. Louis	"	1	West.12	A	"	"	"
1767	"	West End Short	"					"	"
1768	"	St. Louis	"	1	West.12	A	"	"	"
1770	"	"	"					"	"
1772	"	West End Short	"	1	West.12	A	"	"	"
1773	"	St. Louis	"	1	"	"	"	"	"
1775	"	West End Short	"					"	"
1799	"	"	"	1	West.12	A	"	"	"
1802	"	"	"					"	"
1809	"	"	"	1	West.12	A	"	"	"
1810	"	St. Louis	"	1	W.P. 50	"	"	"	"
1811	"	"	"					"	"
1813	"	"	"					"	"
1815	"	"	"	1	W.P. 50	"	"	"	"
1818	"	"	"					"	"
1819	"	"	"	1	W.P. 50	"	"	"	"
1820	"	"	"					"	"
1821	"	"	"					"	"
1822	"	"	"	1	W.P. 50	"	"	"	"
1824	"	"	"	1	"	"	"	"	"
1827	"	"	"	1	"	"	"	"	"
1829	"	"	"	1	"	"	"	"	"
1830	"	"	"	1	"	"	"	"	"
1831	"	"	"					"	"
1832	"	"	"	1	West.12	A	"	"	"
1834	"	"	"					"	"
1835	"	"	"	1	W.P. 50	"	"	"	"
1837	"	"	"	1	"	"	"	"	"
2235	"	"	"	1	West.12	A	"	"	"
2236	"	"	"	1	"	"	"	"	"
2237	"	"	"	1	"	"	"	"	"
2238	"	"	"	1	"	"	"	"	"
2239	"	"	"	1	"	"	"	"	"
2240	"	"	"	1	"	"	"	"	"
2241	"	Brill Short	"	1	"	"	"	"	"
2242	"	St. Louis	"					"	"
2243	"	"	"	1	West.12	A	"	"	"
2244	"	"	"					"	"
2245	"	"	"	1	West.12	A	"	"	"

30 - 9 BENCH OPEN CARS MANUFACTURED BY J. M. JONES SON IN 1893.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 95.

1790	Equipped with	West End Short	Trucks					and	Rheostat
1791	"	"	"	"	"			"	"
1794	"	"	"	"	"			"	"
1795	"	"	"	"	"			"	"
1797	"	"	"	"	1	West.12	A	Motor	"
1800	"	"	"	"	1	"	"	"	"
1801	"	"	"	"				"	"
1804	"	"	"	"				"	"
1805	"	"	"	"				"	"
1806	"	"	"	"				"	"
1807	"	"	"	"				"	"
1808	"	"	"	"				"	"
1814	"	"	"	"				"	"
1816	"	"	"	"				"	"
1817	"	"	"	"	1	West.12	A	"	"
1823	"	"	"	"	1	"	"	"	"
1825	"	"	"	"	1	"	"	"	"



1828	Equipped with West End Short Trucks	1	West.12 A Motor and Rheostat
1868	" " " " "	1	" " " "
1869	" " " " "	1	" " " "
1872	" " " " "	1	" " " "
1873	" " " " "	1	" " " "
1875	" " " " "		" " " "
1876	" " " " "		" " " "
1877	" " " " "	1	West.12 A " " "
1878	" " " " "		" " " "
1884	" " " " "	1	West. 12 A " " "
1895	" " " " "	1	" " " "
1898	" " " " "		" " " "
1902	" " " " "	1	West.12 A " " "

30 - 9 BENCH OPEN CARS MANUFACTURED BY LACONIA CAR CO. IN 1895.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #93.

1842	Equipped with West End Short Trucks	1	W.P. 50 Motor and Rheostat
1844	" " " " "	1	" " " "
1845	" " " " "	1	" " " "
1846	" " " " "	1	" " " "
1848	" " " " "	1	" " " "
1858	" " " " "	1	" " " "
1859	" " " " "	1	" " " "
1864	" " " " "	1	" " " "
1865	" " " " "	1	" " " "
1907	" " " " "		" " " "
1908	" " " " "	1	West.12 A " " "
1909	" " " " "	1	" " " "
1910	" " " " "	1	" " " "
1911	" " " " "	1	" " " "
1912	" " " " "	1	" " " "
1959	" " " " "		" " " "
1960	" " " " "		" " " "
1961	" " " " "	1	W.P. 50 " " "
1962	" " " " "	1	" " " "
1963	" " " " "		" " " "
1964	" " " " "	1	W.P. 50 " " "
1965	" " " " "	1	" " " "
1966	" " " " "	1	" " " "
1967	" " " " "	1	" " " "
1968	" " " " "		" " " "
1969	" " " " "		" " " "
1970	" " " " "		" " " "
1971	" " " " "		" " " "
1972	" " " " "		" " " "
1973	" " " " "		" " " "

70 - 9 BENCH OPEN CARS MANUFACTURED BY BRILL CAR CO. IN 1897.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 99.

2448	Equipped with West End Short Trucks	1	West.12 A Motor and Rheostat
2449	" " Brill " " "	1	" " " "
2450	" " " " "	1	" " " "
2451	" " " " "	1	" " " "
2452	" " " " "	1	" " " "
2453	" " " " "	1	" " " "
2454	" " " " "	1	" " " "
2455	" " " " "	1	" " " "
2456	" " " " "	1	" " " "
2457	" " " " "	1	" " " "
2458	" " " " "	1	" " " "
2459	" " " " "		" " " "
2460	" " " " "		" " " "
2461	" " " " "	1	West.12 A " " "
2462	" " " " "	1	" " " "
2463	" " " " "	1	" " " "
2464	" " " " "	1	" " " "





2465	Equipped with Brill Short Trucks	1	West.12	A Motor and Rheostat
2466	" " " " "	1	"	" " "
2467	" " " " "	1	"	" " "
2468	" " " " "	1	"	" " "
2469	" " " " "	1	"	" " "
2470	" " " " "			" " "
2471	" " " " "	1	West.12	A " " "
2472	" " " " "	1	W.P. 50	" " "
2473	" " " " "			" " "
2474	" " " " "	1	W.P. 50	" " "
2475	" " " " "	1	West.12	A " " "
2476	" " " " "	1	W.P. 50	" " "
2477	" " " " "	1	"	" " "
2478	" " " " "	1	West.12	A " " "
2479	" " " " "	1	"	" " "
2480	" " " " "	1	"	" " "
2481	" " " " "	1	"	" " "
2482	" " " " "	1	"	" " "
2483	" " " " "	1	"	" " "
2484	" " " " "			" " "
2485	" " " " "	1	W.P. 50	" " "
2486	" " " " "	1	"	" " "
2487	" " " " "			" " "
2488	" " " " "	1	W.P. 50	" " "
2489	" " " " "	1	"	" " "
2490	" " " " "	1	"	" " "
2491	" " " " "	1	"	" " "
2492	" " " " "	1	"	" " "
2493	" " " " "	1	"	" " "
2494	" " " " "	1	"	" " "
2495	" " " " "	1	"	" " "
2496	" " " " "	1	"	" " "
2497	" " " " "	1	"	" " "
2498	" " " " "	1	"	" " "
2499	" " " " "	1	"	" " "
2500	" " " " "	1	"	" " "
2501	" " " " "	1	"	" " "
2503	" " " " "	1	"	" " "
2509	" " " " "	1	"	" " "
2510	" " " " "	1	"	" " "
2513	" " " " "	1	"	" " "
2516	" " " " "	1	"	" " "
2517	" " " " "	1	"	" " "
2519	" " " " "	1	"	" " "
2520	" " " " "			" " "
2521	" " " " "			" " "
2522	" " " " "	1	W.P. 50	" " "
2523	" " " " "	1	"	" " "
2524	" " " " "	1	"	" " "
2597	" " " " "	1	West.12	A " " "
2598	" " " " "	1	"	" " "
2599	" " " " "			" " "
2600	" " " " "	1	West.12	A " " "

35 - 9 BENCH OPEN CARS MANUFACTURED BY NEWBURYPORT CAR CO. IN 1897.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 94.

1677	Equipped with Brill Short Trucks	1	West.12	A Motor and Rheostat
1699	" " " " "			" " "
1754	" " " " "	1	West.12	A " " "
1769	" " " " "	1	"	" " "
2001	" " " " "			" " "
2007	" " " " "	1	West.12	A " " "
2109	" " " " "	1	"	" " "
2168	" " " " "	1	"	" " "
2198	" " " " "	1	"	" " "
2354	" " " " "	1	"	" " "
2405	" " " " "	1	"	" " "
2411	" " " " "			" " "
2439	" " " " "	1	West.12	A " " "
2440	" " " " "			" " "
2441	" " " " "	1	W.P. 50	" " "
2442	" " " " "	1	"	" " "
2443	" " " " "			" " "





2444	Equipped with Brill Short Trucks						and Rheostat
2445	"	"	"	"	1 W.P. 50 Motor	"	"
2446	"	"	"	"	2	"	"
2447	"	"	"	"	1	"	"
2601	"	"	"	"		"	"
2636	"	"	"	"	1 W.P. 50	"	"
2649	"	"	"	"	1	"	"
2652	"	"	"	"		"	"
2653	"	"	"	"	1 W.P. 50	"	"
2654	"	"	"	"		"	"
2656	"	"	"	"	1 W.P. 50	"	"
2662	"	"	"	"	1	"	"
2698	"	"	"	"	1	"	"
2700	"	"	"	"	1	"	"
2703	"	"	"	"	1	"	"
2706	"	"	"	"		"	"
2708	"	"	"	"		"	"
2709	"	"	"	"	1 W.P. 50	"	"

25 - 10 BENCH OPEN CARS MANUFACTURED BY ELLIS CAR CO. IN 1891.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #86.

1913	Equipped with Bemis Swivel Trucks	2	G.E.800 Motors and Controller
1914	"	2	"
1915	"	2	"
1916	"	2	"
1917	"	2	"
1918	"	2	"
1919	"	2	"
1920	"	2	"
1921	"	2	"
1922	"	2	"
1923	"	2	"
1924	"	2	"
1925	"	2	"
1926	"	2	"
1927	"	2	"
1928	"	2	"
1929	"	2	"
1930	"	2	"
1931	"	2	"
1932	"	2	"
1933	"	2	"
1934	"	2	"
1935	"	2	"
1936	"	2	"
1937	"	2	"

11 - 10 BENCH OPEN CARS MANUFACTURED BY WEST END IN 1891.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 99

1938	Equipped with Bemis Swivel Trucks	2	G.E.800 Motors and Controller
1939	"	2	"
1940	"	2	"
1941	"	2	"
1942	"	2	"
1943	"	2	"
1944	"	2	"
1945	"	2	"
1946	"	2	"
1947	"	2	"
1948	"	2	"



10 - 10 BENCH OPEN CARS MANUFACTURED BY J. M. JONES SON IN 1890.

STYLE - #1 ROOF.      SEE PHOTOGRAPH # 1      ON PAGE # 100.

1949	Equipped with Bemis Swivel Trucks	2	G.E.800 Motors and Controller
1950	" " " " "	2	" " " "
1951	" " " " "	2	" " " "
1952	" " " " "	2	" " " "
1953	" " " " "	2	" " " "
1954	" " " " "	2	" " " "
1955	" " " " "	2	" " " "
1956	" " " " "	2	" " " "
1957	" " " " "	2	" " " "
1958	" " " " "	2	" " " "

1 - 12 BENCH OPEN CAR MANUFACTURED BY NEWBURYPORT CAR CO.

STYLE -ROUNDED ROOF.      SEE PHOTOGRAPH # 2      ON PAGE # 85.

1906 Equipped with Rob. Radial Trucks 2 West.12 A Motors and Controller





82 - 8 BENCH OPEN CARS MANUFACTURED BY J. M. JONES SON IN 1890.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 89.

1867	Equipped with Bemis 6 A Trucks	1 W.P. 50 Motor and Rheostat
1870	" " " "	" "
1871	" " " "	" "
1874	" " " "	1 W.P. 50 " "
1870	" " " "	1 " " "
1880	" " " "	1 " " "
1881	" " " "	1 " " "
1882	" " " "	1 " " "
1883	" " " "	1 " " "
1885	" " " "	1 " " "
1886	" " " "	1 " " "
1887	" " " "	" "
1888	" " " "	1 W.P. 50 " "
1889	" " " "	1 " " "
1890	" " " "	" "
1891	" " " "	1 W.P. 50 " "
1892	" " " "	" "
1893	" " " "	1 W.P. 50 " "
1894	" " " "	1 " " "
1896	" " " "	1 " " "
1897	" " " "	1 " " "
1899	" " " "	1 " " "
1900	" " " "	1 " " "
1901	" " " "	1 " " "
1903	" " " "	1 " " "
1904	" " " "	1 " " "
1905	" " " "	1 " " "
2180	" West End Short Trucks	" "
2181	" Bemis 6 A "	1 West.12 A "
2182	" " " "	" "
2183	" " " "	" "
2184	" " " "	" "
2185	" " " "	1 W.P. 50 " "
2186	" " " "	" "
2187	" West End Short "	1 W.P. 50 " "
2188	" Bemis 6 A "	1 " " "
2189	" West End Short "	1 " " "
2190	" " " "	1 " " "
2191	" Bemis 6 A "	" "
2192	" " " "	" "
2193	" " " "	1 West.12 A " "
2215	" West End Short "	1 W.P. 50 " "
2216	" Bemis 6 A "	1 West.12 A " "
2218	" " " "	1 " " "
2219	" West End Short "	1 W.P. 50 " "
2220	" " " "	" "
2221	" Bemis 6 A "	1 West.12 A " "
2222	" " " "	" "
2223	" " " "	1 West.12 A " "
2224	" " " "	1 " " "
2225	" " " "	1 " " "
3175	" " " "	" "
3176	" " " "	" "
3177	" " " "	1 W.P. 50 " "
3178	" " " "	" "
3179	" " " "	" "
3180	" " " "	" "
3181	" " " "	" "
3182	" " " "	1 W.P. 50 " "
3183	" " " "	1 " " "
3184	" " " "	" "
3185	" " " "	" "
3186	" " " "	1 W.P. 50 " "
3187	" " " "	" "
3188	" " " "	" "
3189	" " " "	" "
3191	" " " "	" "
3192	" " " "	" "
3193	" " " "	" "
3194	" " " "	" "
3195	" " " "	1 W.P. 50 " "
3196	" " " "	" "
3197	" " " "	" "





3198	Equipped with Bemis 6 A Trucks				and Rheostat
3199	"	"	"	"	"
3200	"	"	"	1 W.P. 50 Motor	"
3201	"	"	"	"	"
3202	"	"	"	"	"
3203	"	"	"	"	"
3204	"	"	"	1 W.P. 50	"
3205	"	"	"	1	"
3207	"	"	"	"	"

4 - 8 BENCH OPEN CARS MANUFACTURED BY J. M. JONES SON IN 1890.

STYLE - #12 ROOF. SEE PHOTOGRAPH # 1 ON PAGE #97.

3168	Equipped with West End Short Trucks				and Rheostat
3169	"	"	"	"	"
3170	"	"	"	1 West.12 A Motor	"
3171	"	"	"	1	"

81 - 8 BENCH OPEN CARS CONVERTED FROM HORSE CARS IN 1893 & 1894.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE #88.

2090	Equipped with West End Short Trucks				and Rheostat
2825	"	"	"	"	"
2867	"	"	"	"	"
2868	"	"	"	1 West.12 Motor	"
2869	"	"	"	"	"
2870	"	"	"	1 West.12 A "	"
2871	"	"	"	1	"
2872	"	"	"	1	"
2873	"	"	"	"	"
2875	"	"	"	1 West.12 A "	"
2886	"	"	"	"	"
2887	"	"	"	1 West.12 A "	"
2888	"	"	"	1	"
2890	"	"	"	1	"
2891	"	"	"	"	"
2892	"	"	"	1 West.12 A "	"
2893	"	"	"	"	"
3033	"	Bemis 6 A	"	"	"
3034	"	"	"	1 West.12 A "	"
3036	"	West End Short	"	"	"
3037	"	"	"	1 W.P. 50	"
3038	"	"	"	"	"
3039	"	"	"	1 W.P. 50	"
3040	"	"	"	"	"
3041	"	"	"	1 W.P. 50	"
3042	"	"	"	1	"
3043	"	"	"	1	"
3044	"	"	"	1	"
3045	"	"	"	1	"
3046	"	"	"	1	"
3047	"	Bemis 6 A	"	1	"
3048	"	West End Short	"	"	"
3049	"	"	"	1 West.12 A "	"
3050	"	"	"	"	"
3051	"	"	"	"	"
3052	"	"	"	"	"
3055	"	"	"	1 West.12 A "	"
3057	"	"	"	"	"
3061	"	"	"	1 West.12 A "	"
3063	"	Bemis 6 A	"	"	"
3065	"	West End Short	"	"	"
3066	"	"	"	"	"
3067	"	"	"	"	"
3068	"	"	"	"	"
3069	"	"	"	"	"
3070	"	Bemis 6 A	"	"	"



3071	Equipped with West End Short Trucks	1 W.P. 50 Motor and Rheostat
3072	" " " "	" "
3073	" " " "	1 West.12 A "
3074	" " " "	" "
3075	" " Bemis 6 A	" "
3076	" " " "	1 W.P. 50 "
3077	" " West End Short	" "
3078	" " " "	" "
3079	" " " "	" "
3080	" " " "	1 W.P. 50 "
3091	" " " "	" "
3092	" " " "	" "
3093	" " Bemis 6 A	" "
3094	" " " "	" "
3095	" " " "	1 W.P. 50 "
3096	" " " "	1 " " "
3097	" " " "	1 " " "
3098	" " " "	" "
3099	" " " "	1 W.P. 50 "
3100	" " " "	" "
3101	" " " "	1 W.P. 50 "
3102	" " " "	1 " " "
3103	" " " "	1 " " "
3104	" " " "	" "
3105	" " " "	" "
3106	" " " "	" "
3107	" " " "	1 W.P. 50 "
3138	" " West End Short	1 West.12 A "
3142	" " " "	1 " " "
3143	" " " "	1 " " "
3144	" " Bemis 6 A	" "
3145	" " West End Short	" "
3146	" " Bemis 6 A	" "
3147	" " West End Short	" "
3148	" " " "	" "

50 - 8 BENCH OPEN CARS CONVERTED FROM HORSE CARS IN 1893 & 1894.

STYLE - #4 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 84.

1680	Equipped with Bemis 6 A Trucks	1 W.P. 50 Motor and Rheostat
1681	" " " "	1 " " "
1683	" " " "	1 " " "
1724	" " " "	1 " " "
1728	" " " "	1 " " "
1730	" " " "	1 " " "
1733	" " " "	1 " " "
1735	" " " "	1 " " "
1736	" " " "	1 " " "
1737	" " " "	1 " " "
1740	" " West End Short Trucks	1 " " "
1744	" " Bemis 6 A	1 " " "
1753	" " " "	1 " " "
1756	" " " "	1 " " "
1768	" " West End Short	" "
1776	" " Bemis 6 A	1 W.P. 50 "
1777	" " West End Short	1 " " "
1781	" " " "	1 West.12 A "
1782	" " " "	" "
1783	" " Bemis 6 A	1 W.P. 50 "
1785	" " West End Short	" "
1786	" " Bemis 6 A	1 W.P. 50 "
1787	" " " "	1 " " "
1854	" " " "	" "
1855	" " " "	1 W.P. 50 "
1856	" " " "	1 " " "
1857	" " West End Short	1 " " "
1860	" " Bemis 6 A	" "
1861	" " " "	" "
1862	" " " "	" "
1863	" " " "	" "
1866	" " " "	" "
2102	" " West End Short	1 W.P. 50 "
2103	" " Bemis 6 A	1 " " "





2212	Equipped with West End Short Trucks	1 West.12 A Motor and Rheostat
2213	" " " " "	1 W.P. 50 " " "
2352	" " " " "	" " "
2359	" " " " "	" " "
2361	" " " " "	" " "
2392	" " " " "	" " "
2393	" " " " "	1 West.12 A " " "
2394	" " " " "	1 " " " "
2395	" " " " "	1 W.P. 50 " " "
2898	" " " " "	1 West.12 A " " "
2907	" " West End Short " "	1 W.P. 50 " " "
2911	" " " " " "	" " "
2912	" " " " " "	1 West.12 A " " "
2917	" " " " " "	" " "
2919	" " " " " "	1 West.12 A " " "
2923	" " " " " "	" " "

114 - 8 BENCH OPEN CARS CONVERTED FROM HORSE CARS IN 1893 & 1894.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 87.

1685	Equipped with West End Short Trucks	and Rheostat
1686	" " " " "	1 West.12 A Motor " "
1687	" " " " "	" " "
1689	" Bemis 6 A " "	1 W.P. 50 " " "
1690	" West End Short " "	1 " " " "
1691	" Bemis 6 A " "	1 " " " "
1692	" West End Short " "	" " "
1694	" " " " "	1 W.P. 50 " " "
1696	" Bemis 6 A " "	" " "
1701	" West End Short " "	1 W.P. 50 " " "
1702	" " " " "	1 " " " "
1703	" Bemis 6 A " "	" " "
1704	" West End Short " "	1 W.P. 50 " " "
1707	" Bemis 6 A " "	" " "
1708	" West End Short " "	1 West.12 A " " "
1710	" " " " "	1 W.P. 50 " " "
1713	" " " " "	" " "
1715	" Bemis 6 A " "	" " "
1721	" " " " "	" " "
1722	" West End Short " "	1 W.P. 50 " " "
1725	" Bemis 6 A " "	1 W.P. 50 " " "
1727	" West End Short " "	1 " " " "
1739	" Bemis 6 A " "	1 " " " "
1741	" " " " "	1 " " " "
1742	" West End Short " "	" " "
1745	" Bemis 6 A " "	1 W.P. 50 " " "
1746	" " " " "	1 " " " "
1747	" " " " "	1 " " " "
1748	" " " " "	" " "
1751	" " " " "	" " "
1774	" " " " "	1 W.P. 50 " " "
1812	" West End Short " "	" " "
1849	" Bemis 6 A " "	" " "
1850	" West End Short " "	1 W.P. 50 " " "
1851	" Bemis 6 A " "	" " "
1852	" " " " "	1 W.P. 50 " " "
1853	" West End Short " "	" " "
2602	" " " " "	" " "
2603	" " " " "	1 W.P. 50 " " "
2604	" " " " "	1 " " " "
2607	" " " " "	1 " " " "
2608	" " " " "	" " "
2609	" " " " "	1 W.P. 50 " " "
2610	" " " " "	1 " " " "
2611	" " " " "	1 " " " "
2612	" " " " "	" " "
2613	" " " " "	" " "
2614	" " " " "	1 W.P. 50 " " "
2615	" " " " "	" " "
2616	" " " " "	1 W.P. 50 " " "
2617	" " " " "	" " "
2618	" " " " "	" " "





2619	Equipped with West End Short Trucks	1	W.P. 50 Motor and Rheostat		
2620	"	"	"	"	"
2621	"	"	1 W.P. 50	"	"
2622	"	"	1 "	"	"
2623	"	"	"	"	"
2624	"	"	"	"	"
2625	"	"	1 W.P. 50	"	"
2626	"	"	"	"	"
2627	"	"	1 W.P. 50	"	"
2628	"	"	"	"	"
2630	"	"	1 W.P. 50	"	"
2641	"	"	1 "	"	"
2642	"	"	1 "	"	"
2643	"	"	"	"	"
2644	"	"	1 W.P. 50	"	"
2645	"	"	1 "	"	"
2646	"	"	1 "	"	"
2647	"	"	1 "	"	"
2648	"	"	"	"	"
2663	"	"	1 W.P. 50	"	"
2664	"	"	1 "	"	"
2665	"	"	1 "	"	"
2666	"	"	1 "	"	"
2667	"	"	1 "	"	"
2668	"	"	"	"	"
2669	"	"	1 W.P. 50	"	"
2670	"	"	1 "	"	"
2671	"	"	"	"	"
2672	"	"	"	"	"
2673	"	"	1 W.P. 50	"	"
2674	"	"	1 "	"	"
2675	"	"	"	"	"
2676	"	"	1 W.P. 50	"	"
2677	"	"	"	"	"
2678	"	"	"	"	"
2679	"	"	"	"	"
2680	"	"	1 W.P. 50	"	"
2681	"	"	1 "	"	"
2682	"	"	"	"	"
2683	"	"	"	"	"
2684	"	"	1 W.P. 50	"	"
2685	"	"	1 "	"	"
2713	"	"	"	"	"
2714	"	"	"	"	"
2810	"	"	"	"	"
2811	"	"	"	"	"
2812	"	"	"	"	"
2813	"	"	"	"	"
2814	"	"	1 Walker	"	"
2815	"	"	1 "	"	"
2816	"	"	"	"	"
2817	"	"	1 Walker	"	"
2818	"	"	"	"	"
2819	"	"	"	"	"
2820	"	"	"	"	"
2821	"	"	"	"	"
2822	"	"	1 Walker	"	"
2823	"	"	1 West.12 A	"	"
2904	"	"	1 "	"	"
2905	"	"	1 "	"	"
2906	"	"	1 "	"	"
2849	"	"	"	"	"

42 - 8 BENCH OPEN CARS CONVERTED FROM HORSE CARS IN 1893 & 1894.

STYLE - #12 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 88.

1766	Equipped with West End Short Trucks	1	West.12 A Motor and Rheostat		
1833	"	"	1 "	"	"
1838	"	"	1 "	"	"
2202	"	"	"	"	"
2511	"	"	1 West.12 A	"	"
2650	"	"	"	"	"
2651	"	"	1 W.P. 50	"	"



2655	Equipped with West End Short Trucks	1	W.P. 50 Motor and Rheostat
2658	" " " "	1	" " " "
2659	" " " "	1	" " " "
2686	" " " "		" " " "
2687	" " " "	1	W.P. 50 " " "
2689	" " " "	1	" " " "
2690	" " " "		" " " "
2691	" " " "		" " " "
2699	" " " "	1	W.P. 50 " " "
2829	" " " "	1	West.12 A " " "
2830	" " " "		" " " "
2831	" " " "		" " " "
2835	" " " "		" " " "
2836	" " " "	1	Walker " " "
2837	" " " "		" " " "
2838	" " " "	1	Walker " " "
2839	" " " "	1	" " " "
2841	" " " "		" " " "
2842	" " " "	1	West.12 A " " "
2853	" " " "	1	" " " "
2859	" " " "		" " " "
2861	" " " "	1	Walker " " "
2862	" " " "	1	West.12 A " " "
2864	" " " "		" " " "
2865	" " " "		" " " "
2866	" " " "		" " " "
2876	" " " "	1	West.12 A " " "
2877	" " " "	1	" " " "
2878	" " " "		" " " "
2879	" " " "	1	West.12 A " " "
2880	" " " "		" " " "
2881	" " " "	1	West.12 A " " "
2882	" " " "		" " " "
2884	" " " "		" " " "
1778	" " " "		" " " "

12 - 8 BENCH OPEN CARS CONVERTED FROM HORSE CARS IN 1893 & 1894.

STYLE - #13 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 85.

1705	Equipped with Bemis 6 A Trucks	1	W.P. 50 Motor and Rheostat
1711	" " " "	1	" " " "
1716	" " " "	1	" " " "
1780	" " West End Short Trucks	1	" " " "
1784	" " " "		" " " "
1792	" " " "		" " " "
1793	" " " "	1	W.P. 50 " " "
1796	" " " "	1	" " " "
1803	" " " "		" " " "
2605	" " " "		" " " "
2629	" " " "		" " " "
2809	" " " "		" " " "

107 - 8 BENCH OPEN CARS CONVERTED FROM HORSE CARS IN 1893 & 1894.

STYLE - #14 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 87.

2069	Equipped with Bemis 6 A Trucks	1	W.P. 50 Motor and Rheostat
2070	" " " "	1	" " " "
2071	" " " "	1	" " " "
2072	" " " "	1	" " " "
2073	" " " "	1	" " " "
2074	" " " "		" " " "
2075	" " " "	1	W.P. 50 " " "
2076	" " " "		" " " "
2077	" " " "	1	W.P. 50 " " "
2078	" " " "		" " " "
2079	" " " "		" " " "
2080	" " " "	1	W.P. 50 " " "
2081	" " " "		" " " "





2082	Equipped with Bemis 6 A Trucks	1 W.P. 50 Motor and Rheostat
2083	" " " "	1 " " " "
2084	" " " "	" " " "
2085	" " " "	" " " "
2088	" West End Short Trucks	1 W.P. 50 " " "
2089	" " " "	" " " "
2091	" Bemis 6 A	1 W.P. 50 " " "
2092	" " " "	" " " "
2093	" " " "	1 W.P. 50 " " "
2095	" West End Short	" " " "
2096	" " " "	" " " "
2097	" " " "	" " " "
2110	" " " "	1 W.P. 50 " " "
2113	" " " "	" " " "
2114	" " " "	1 West.12 A " " "
2117	" " " "	1 W.P. 50 " " "
2119	" " " "	" " " "
2120	" " " "	1 W.P. 50 " " "
2121	" " " "	1 " " " "
2122	" " " "	1 " " " "
2124	" " " "	" " " "
2125	" " " "	1 W.P. 50 " " "
2126	" " " "	" " " "
2127	" " " "	" " " "
2128	" " " "	1 W.P. 50 " " "
2130	" " " "	1 " " " "
2131	" " " "	" " " "
2132	" " " "	" " " "
2133	" " " "	" " " "
2134	" " " "	" " " "
2135	" " " "	1 W.P. 50 " " "
2136	" " " "	1 " " " "
2139	" " " "	1 " " " "
2140	" " " "	1 " " " "
2141	" " " "	1 " " " "
2142	" " " "	1 " " " "
2143	" " " "	1 " " " "
2144	" " " "	1 " " " "
2145	" Bemis 6 A	" " " "
2146	" " " "	1 W.P. 50 " " "
2147	" " " "	1 " " " "
2148	" " " "	1 " " " "
2149	" " " "	" " " "
2150	" West End Short	" " " "
2152	" " " "	" " " "
2153	" " " "	" " " "
2154	" Bemis 6 A	" " " "
2155	" West End Short	1 West.12 A " " "
2157	" " " "	" " " "
2158	" " " "	1 West.12 A " " "
2159	" " " "	" " " "
2160	" " " "	" " " "
2161	" " " "	1 West.12 A " " "
2162	" " " "	1 " " " "
2163	" " " "	1 W.P. 50 " " "
2164	" " " "	1 West.12 A " " "
2351	" " " "	" " " "
2355	" " " "	1 West.12 A " " "
2356	" " " "	1 " " " "
2360	" " " "	1 W.P. 50 " " "
2362	" " " "	" " " "
2367	" " " "	" " " "
2368	" " " "	" " " "
2369	" Bemis 6 A	" " " "
2371	" West End Short	1 West.12 A " " "
2373	" " " "	1 W.P. 50 " " "
2374	" " " "	" " " "
2376	" " " "	" " " "
2377	" " " "	" " " "
2378	" " " "	1 West.12 A " " "
2379	" " " "	1 " " " "
2380	" " " "	" " " "
2381	" " " "	" " " "
2382	" " " "	1 West.12 A " " "
2383	" " " "	1 " " " "
2384	" " " "	" " " "
2385	" " " "	1 West.12 A " " "





2386	Equipped with West	End Short	Trucks	1 West.12 A Motor and Rheostat
2387	"	"	"	"
2388	"	"	"	"
2389	"	"	"	1 West.12 A
2391	"	"	"	1 "
2414	"	"	"	"
2505	"	"	"	"
2506	"	"	"	"
2507	"	"	"	"
2508	"	"	"	"
2801	"	"	"	1 West.12 A
2802	"	"	"	1 "
2803	"	"	"	"
2804	"	"	"	1 West.12 A
2805	"	"	"	1 W.P. 50
2807	"	"	"	1 "
2808	"	"	"	1 West.12 A



29 - 7 BENCH OPEN ELECTRIC CARS MANUFACTURED BY J.M. JONES SON IN 1889.

STYLE - #1 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 91.

2012	Equipped with West End Short Trucks					and Rheostat
2020	" " " " " "	1 West.12 Motor	"	"		
2024	" " Bemis 6 A " "	1 West.12 A "	"	"	"	"
2025	" " West End Short " "		"	"	"	"
2026	" " Bemis 6 A " "	1 West.12 A "	"	"	"	"
2029	" " " " " "	1 " " "	"	"	"	"
2030	" " " " " "	1 " " "	"	"	"	"
2035	" " West End Short " "		"	"	"	"
2037	" " " " " "	1 West.12 " "	"	"	"	"
2040	" " " " " "		"	"	"	"
2042	" " " " " "		"	"	"	"
2046	" " " " " "	1 West.12 " "	"	"	"	"
2047	" " " " " "	1 " " "	"	"	"	"
2049	" " " " " "		"	"	"	"
2050	" " " " " "	1 West.12 " "	"	"	"	"
2051	" " " " " "	1 " " "	"	"	"	"
2052	" " " " " "		"	"	"	"
2053	" " " " " "		"	"	"	"
2054	" " " " " "		"	"	"	"
2056	" " " " " "		"	"	"	"
2058	" " " " " "		"	"	"	"
2059	" " " " " "		"	"	"	"
2060	" " " " " "	1 West.12 " "	"	"	"	"
2061	" " " " " "	1 W.P. 50 " "	"	"	"	"
2062	" " " " " "	1 " " "	"	"	"	"
2063	" " " " " "	1 " " "	"	"	"	"
2064	" " " " " "		"	"	"	"
2067	" " " " " "		"	"	"	"
2068	" " " " " "		"	"	"	"

1 - 7 BENCH OPEN ELECTRIC CAR MANUFACTURED BY J. M. JONES SON IN 1889.

STYLE - #13 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 97.

2057 Equipped with West End Short Trucks 1 west.12 Motor and Rheostat

2 - 7 BENCH OPEN ELECTRIC CARS MANUFACTURED BY J. M. JONES SON -

CONVERTED IN 1893. STYLE - #12 ROOF. SEE PHOTOGRAPH # 2 ON PAGE # 98.

2638	Equipped with West End Short Trucks	1 W.P. 50 Motor and Rheostat
2639	" " " " " "	1 " " " " "

10 - 7 BENCH OPEN ELECTRIC CARS MANUFACTURED BY J. M. JONES SON -

CONVERTED IN 1893. STYLE - #1 ROOF. SEE PHOTOGRAPH # 1 ON PAGE # 98.

3006	Equipped with West End Short Trucks	1 W.P. 50 Motor and Rheostat
3007	" " " " " "	" " " " "
3008	" " " " " "	1 West.12 " " "
3009	" " " " " "	1 W.P. 50 " " "
3010	" " " " " "	" " " " "
3011	" " " " " "	1 W.P. 50 " " "
3012	" " " " " "	1 " " " " "
3013	" " " " " "	1 " " " " "
3014	" " " " " "	1 " " " " "
3015	" " " " " "	1 " " " " "





27 - 7 BENCH OPEN ELECTRIC CARS CONVERTED FROM HORSE CARS.

STYLE - #4 ROOF. SEE PHOTOGRAPH #2 ON PAGE #90.

1660	Equipped with Bemis 6 A Trucks	1 W.P. 50 Motor and Rheostat
1661	" " West End Short Trucks	" "
1662	" " " " " "	" "
1663	" " Bemis 6 A " "	1 W.P. 50 " "
1664	" " " " " "	" " "
1665	" " " " " "	1 W.P. 50 " "
1666	" " " " " "	1 " " "
1667	" " " " " "	1 " " "
1668	" " " " " "	" " "
1669	" " " " " "	1 W.P. 50 " "
1670	" " " " " "	" " "
1671	" " West End Short " "	" " "
1672	" " Bemis 6 A " "	" " "
1673	" " West End Short " "	" " "
1674	" " Bemis 6 A " "	1 W.P. 50 " "
1675	" " " " " "	" " "
2004	" " West End Short " "	1 West. 12 " "
2009	" " " " " "	1 " " "
2010	" " " " " "	" " "
2086	" " " " " "	" " "
2087	" " " " " "	1 West. 12 " "
2909	" " " " " "	1 " " "
2900	" " " " " "	1 West. 12 A " "
2918	" " " " " "	" " "
2920	" " " " " "	" " "
2921	" " " " " "	" " "
2922	" " " " " "	" " "

15 - 7 BENCH OPEN ELECTRIC CARS CONVERTED FROM HORSE CARS.

STYLE - #12 ROOF. SEE PHOTOGRAPH #1 ON PAGE #91.

2407	Equipped with West End Short Trucks	and Rheostat
2631	" " " " " " " "	1 W.P. 50 Motor " "
2633	" " " " " " " "	1 " " " "
2634	" " " " " " " "	" " "
2635	" " " " " " " "	" " "
2637	" " " " " " " "	1 W.P. 50 " "
2688	" " " " " " " "	" " "
2693	" " " " " " " "	" " "
2694	" " " " " " " "	" " "
2695	" " " " " " " "	1 W.P. 50 " "
2696	" " " " " " " "	" " "
2697	" " " " " " " "	" " "
2701	" " " " " " " "	1 W.P. 50 " "
2702	" " " " " " " "	" " "
2704	" " " " " " " "	" " "

4 - 7 BENCH OPEN ELECTRIC CARS CONVERTED FROM HORSE CARS.

STYLE - #14 ROOF. SEE PHOTOGRAPH #1 ON PAGE #90.

2116	Equipped with West End Short Trucks	and Rheostat
2123	" " " " " " " "	" "
2138	" " " " " " " "	1 W.P. 50 Motor " "
2390	" " " " " " " "	" "







NO. 1



NO. 2.









NO. 1



NO. 2.

























NO. 1



NO. 2





















NO. 1.



NO. 2.



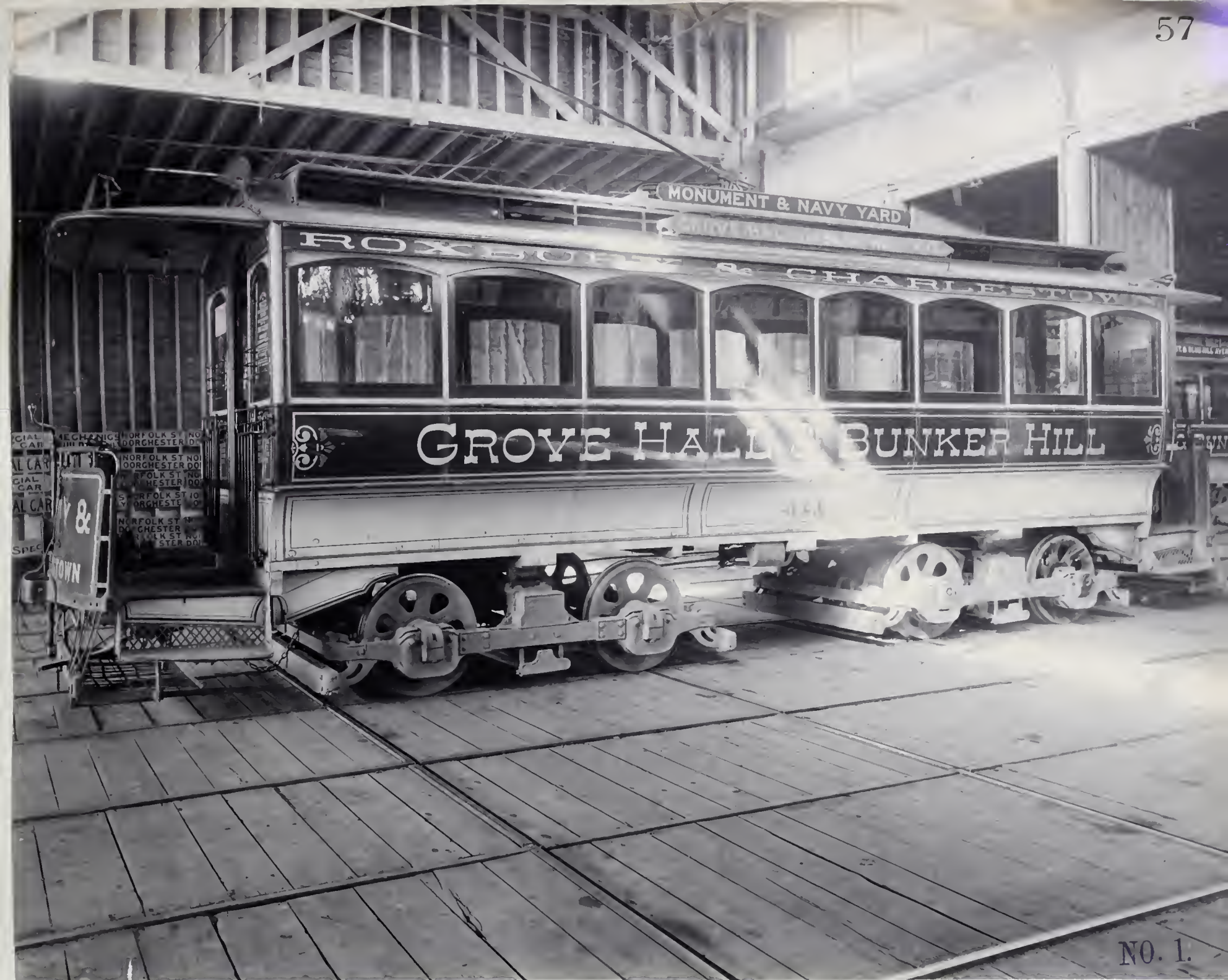




















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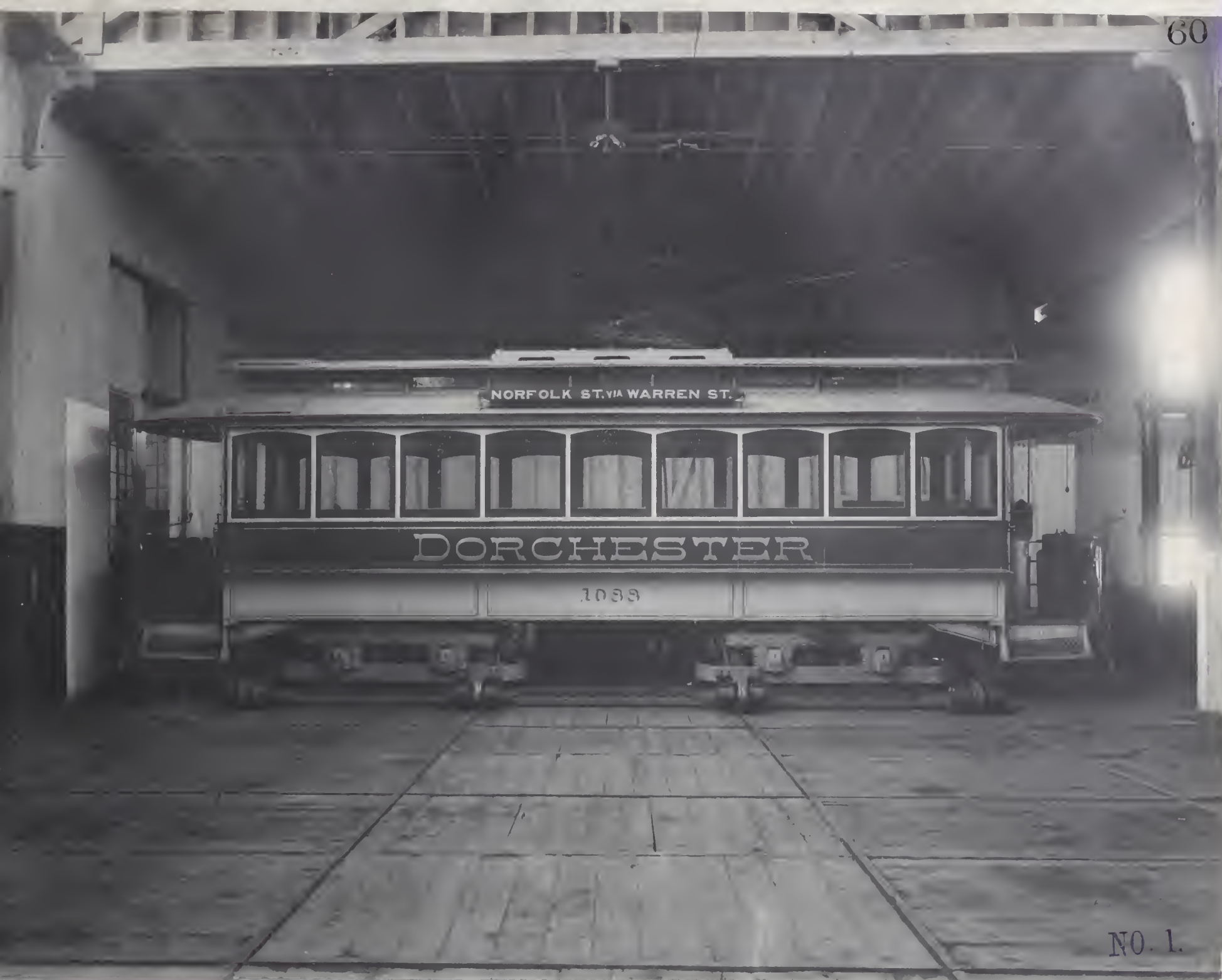
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NO. 1.



NO. 2.













NO. 1.



NO. 2.

















NO. 1.



NO. 2.







NO. 1.



NO. 2.













NO. 1.



NO. 2.















NO. 1.



NO. 2.



NO. 3.















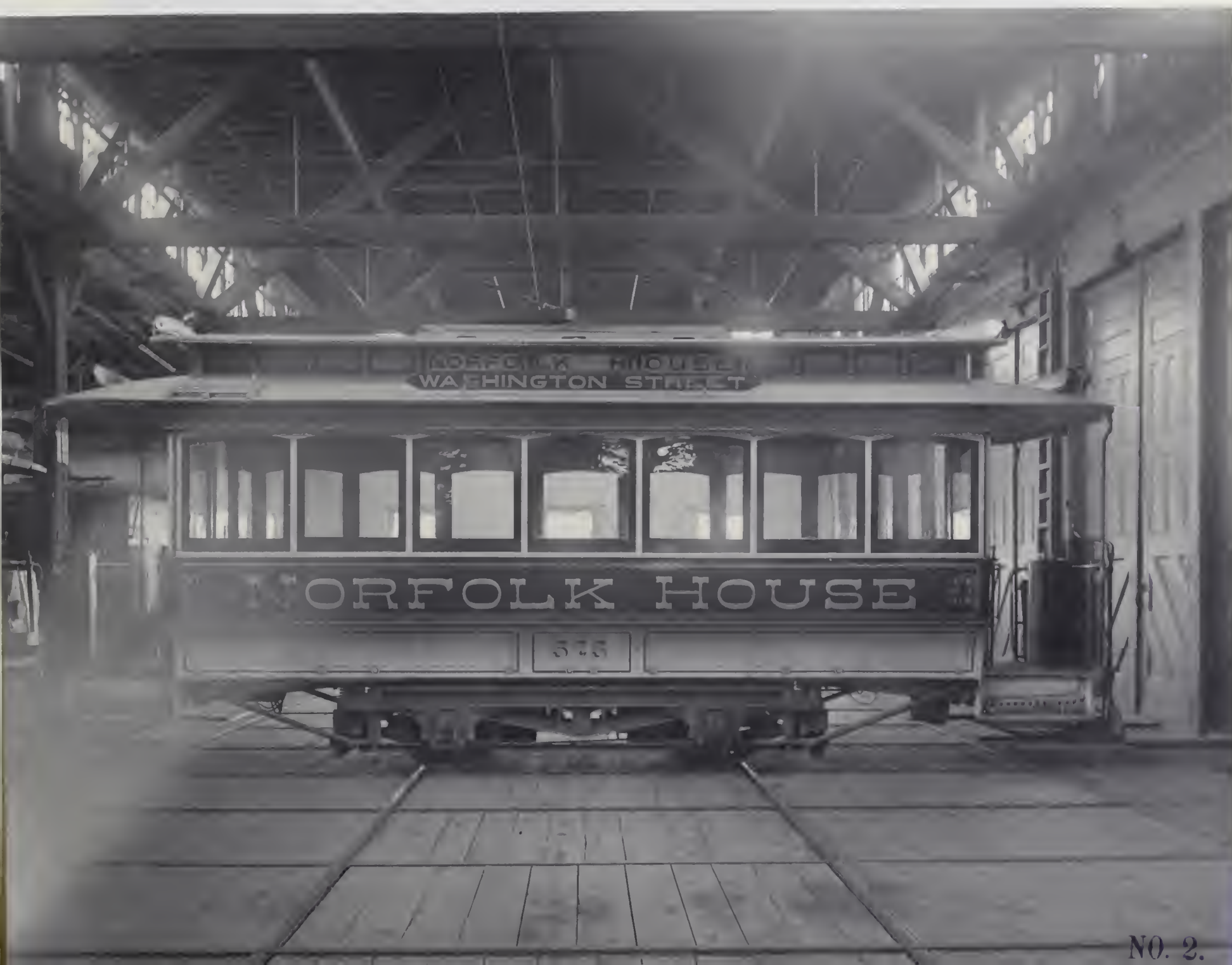
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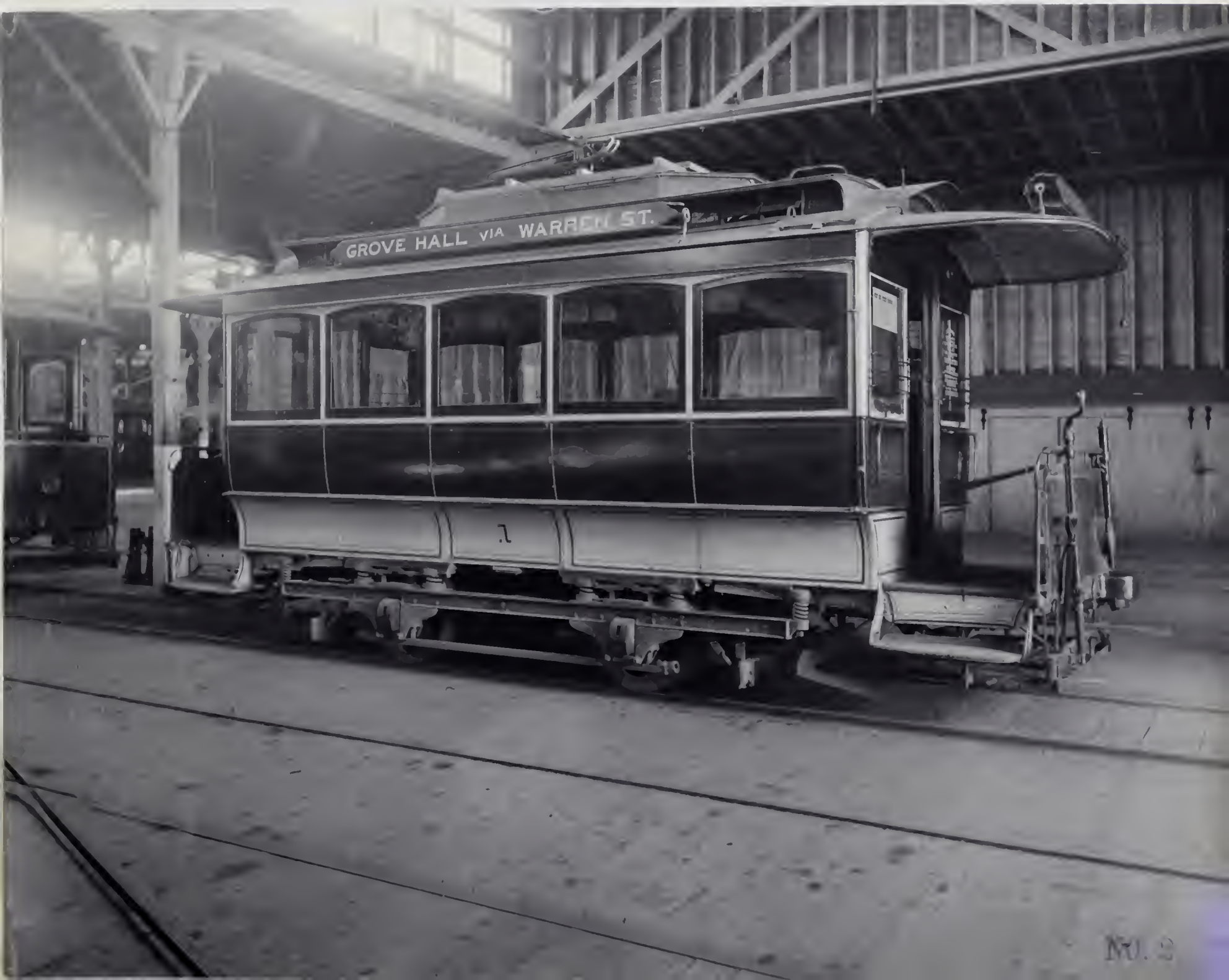








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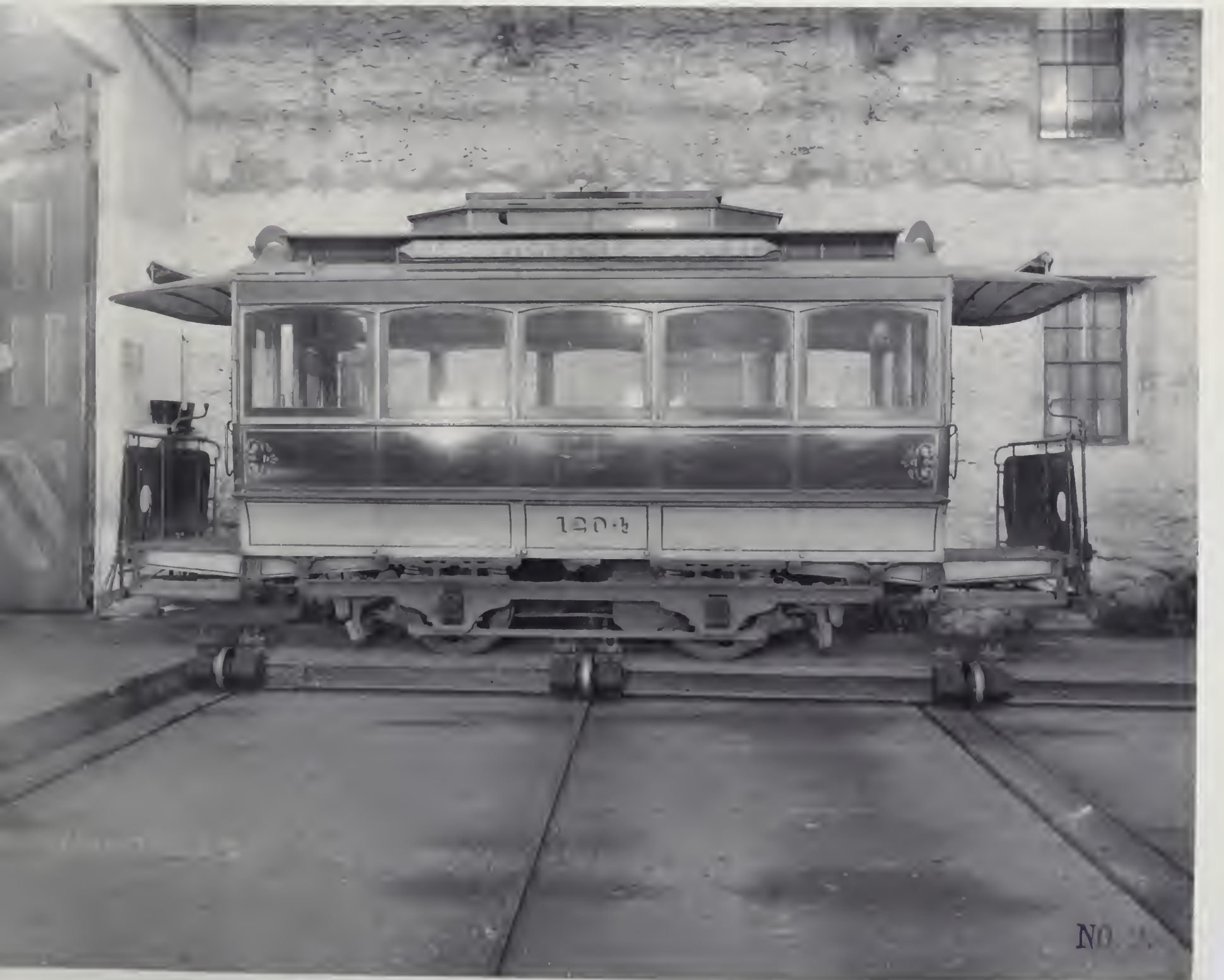
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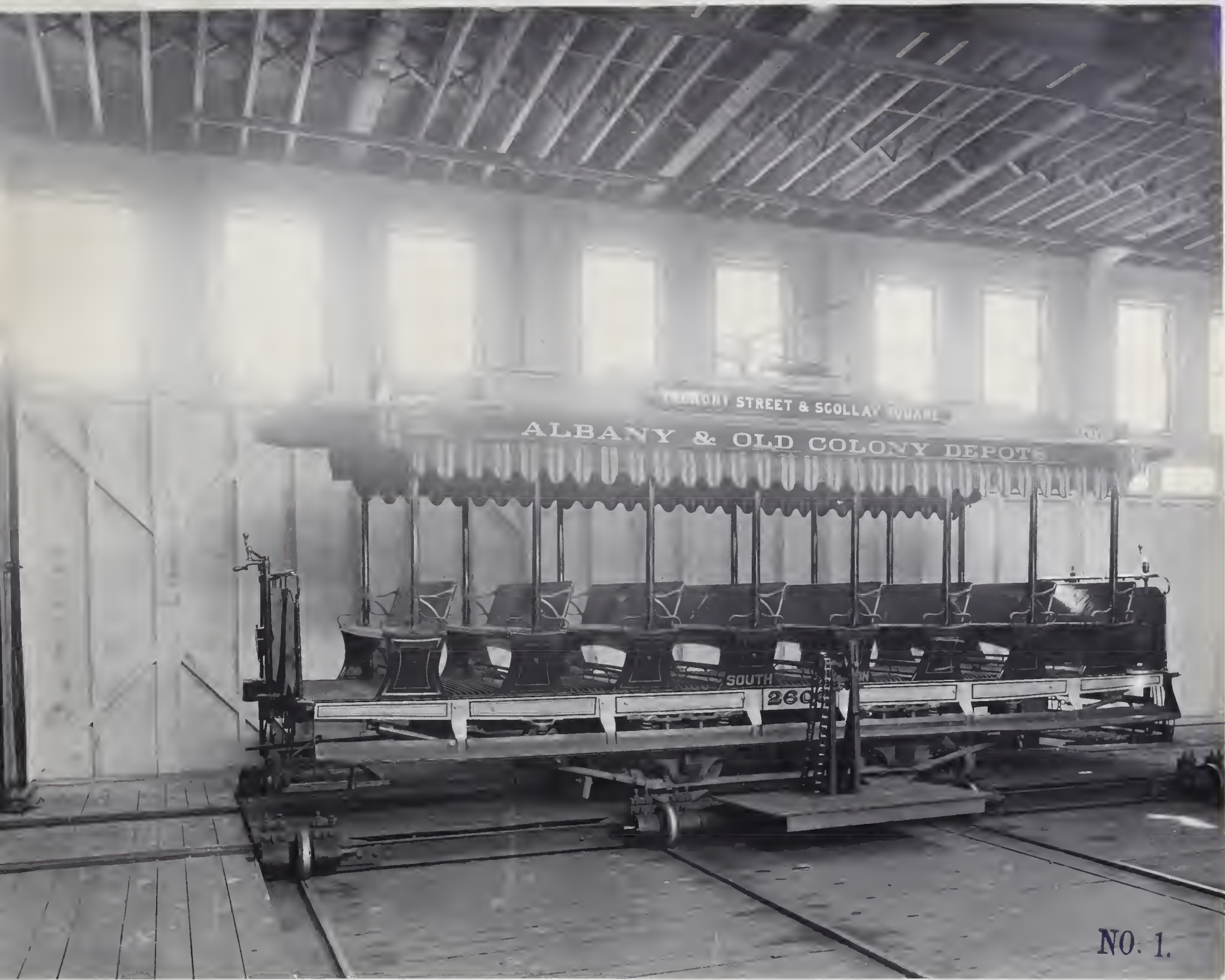














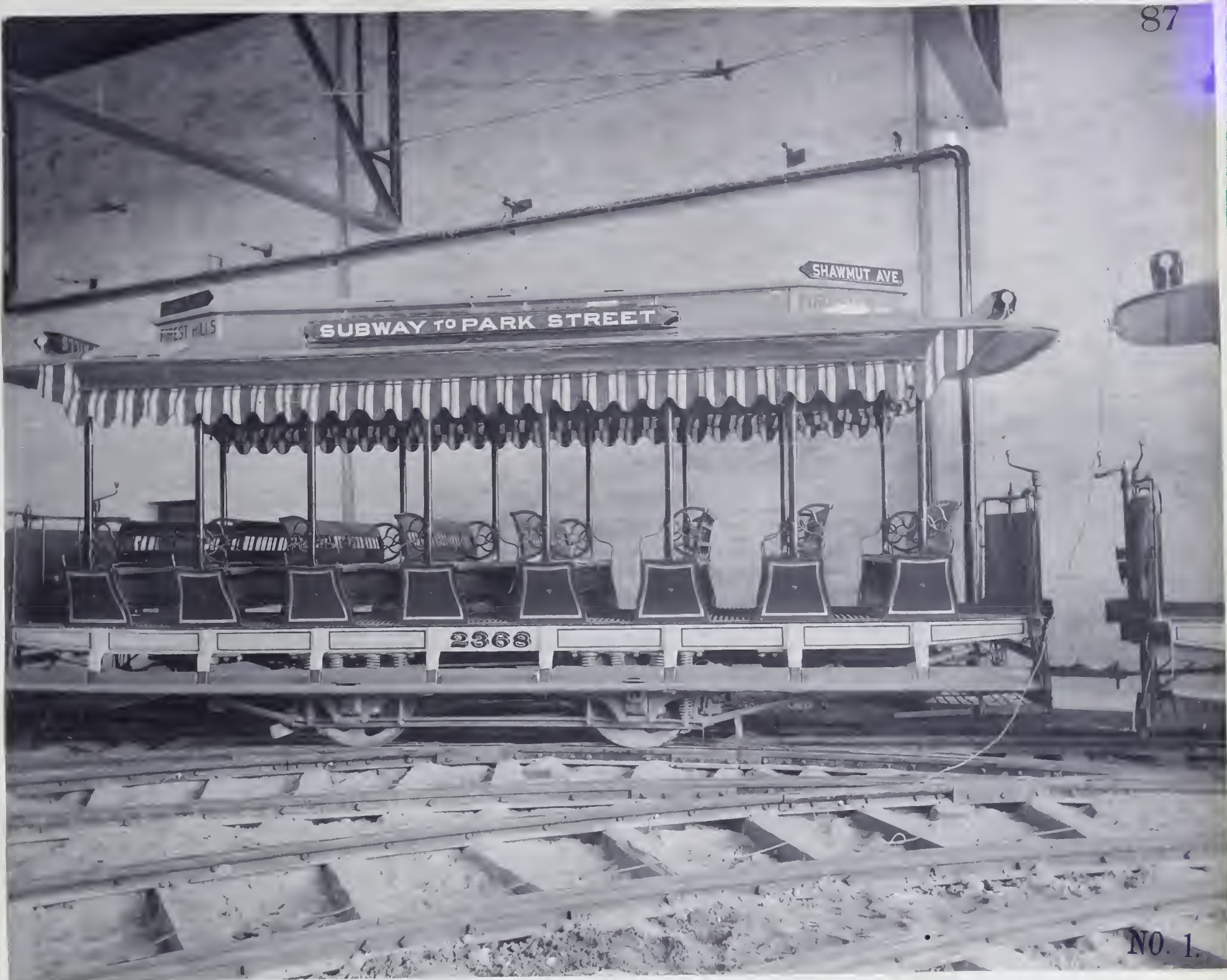




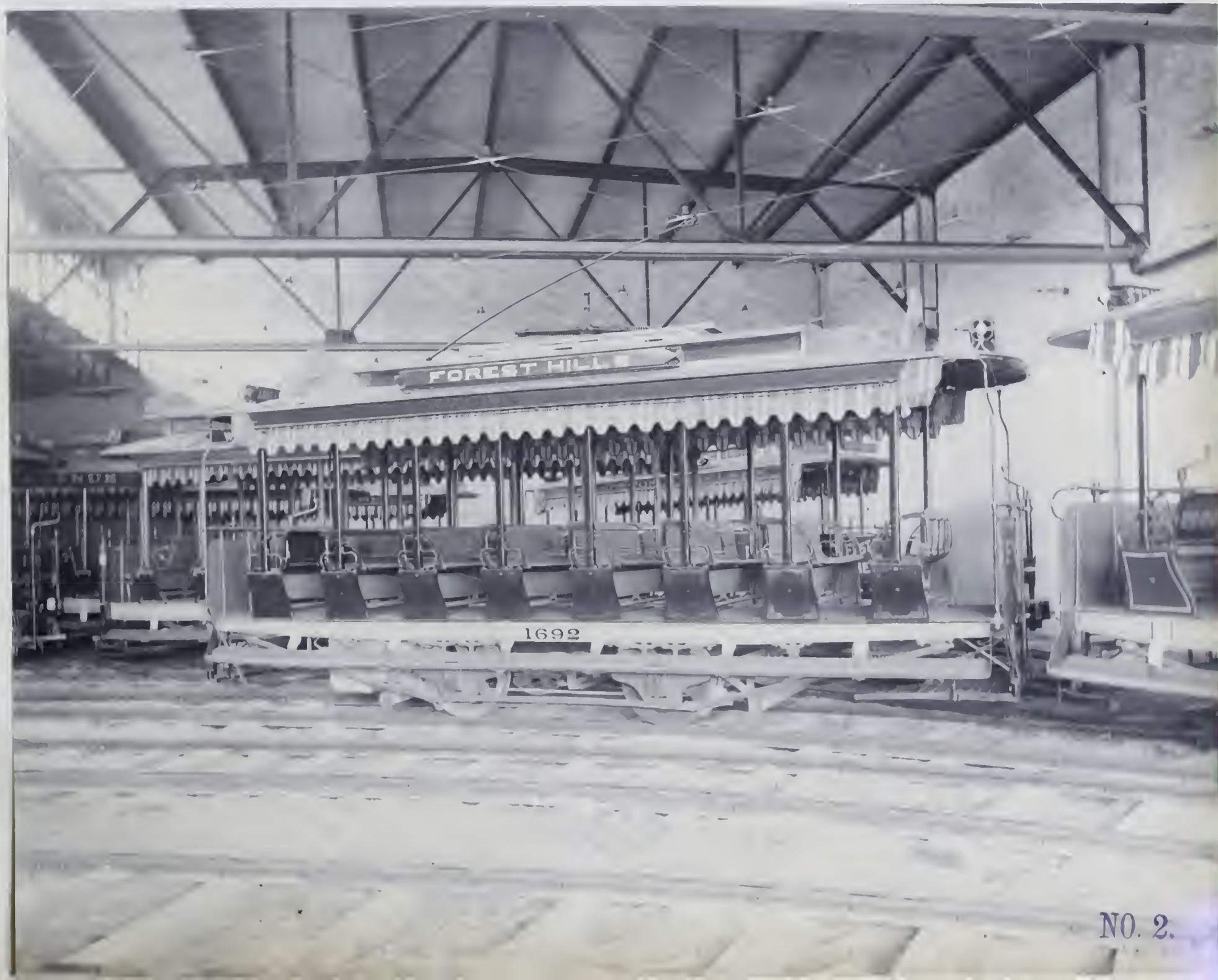








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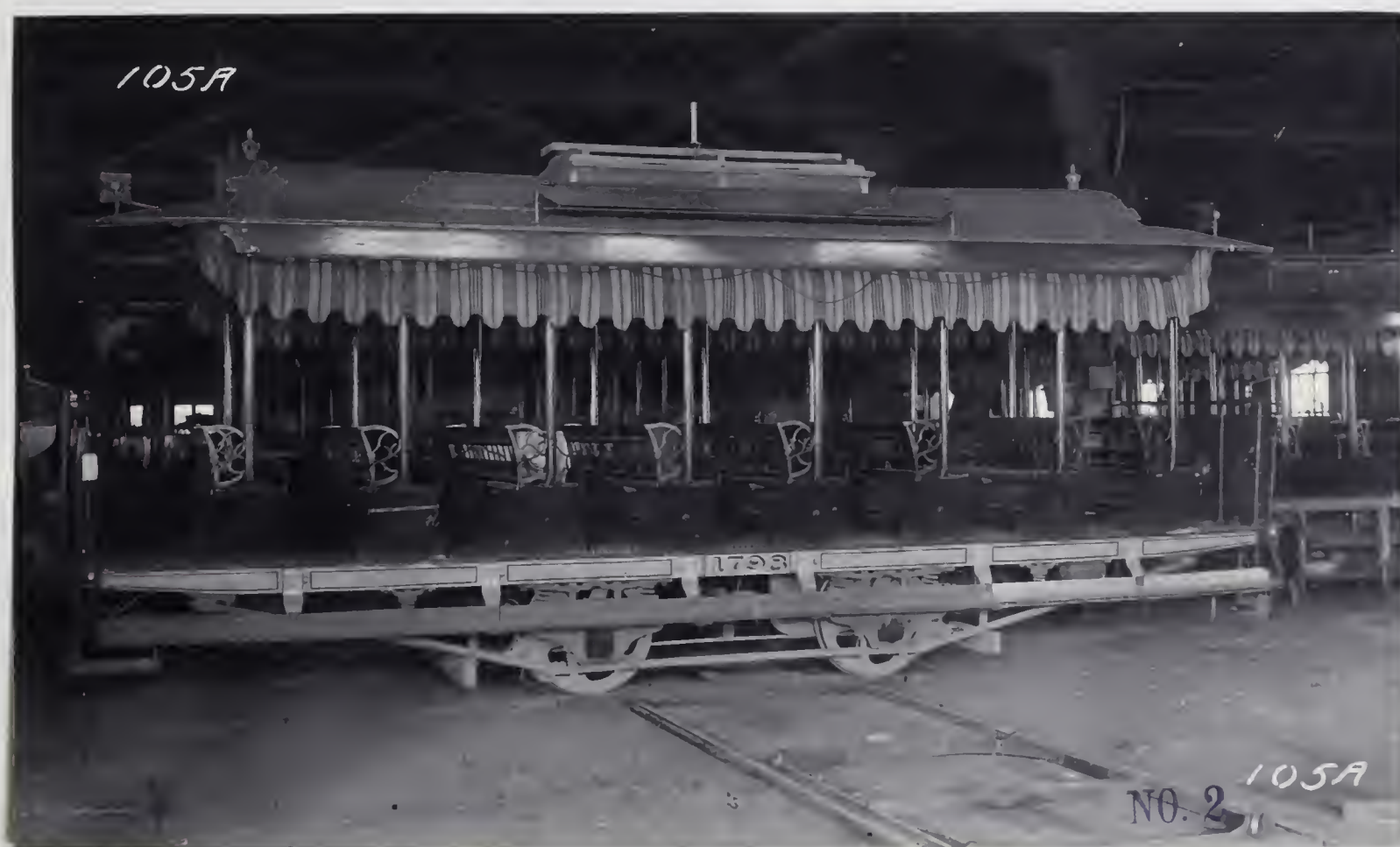
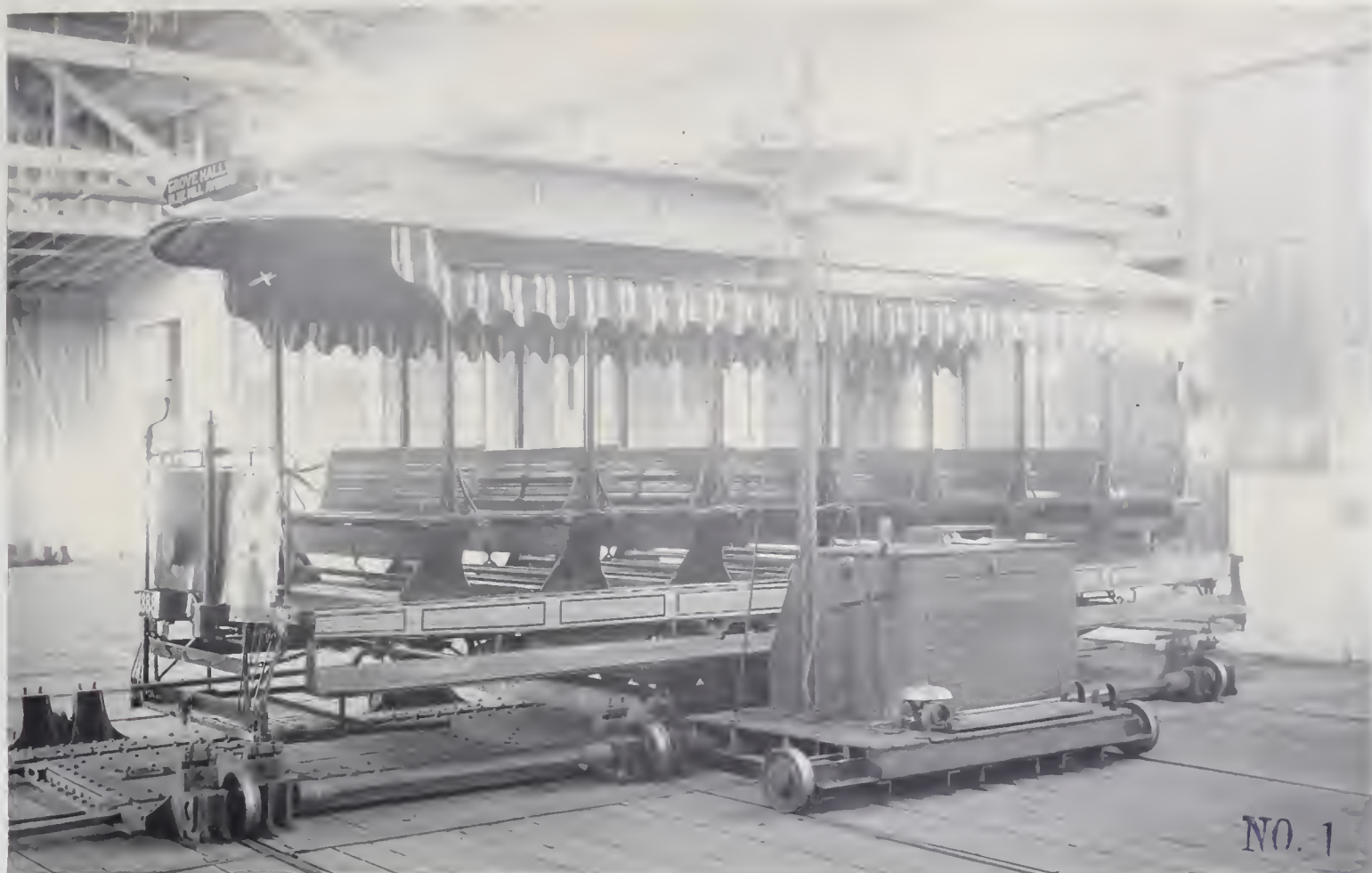








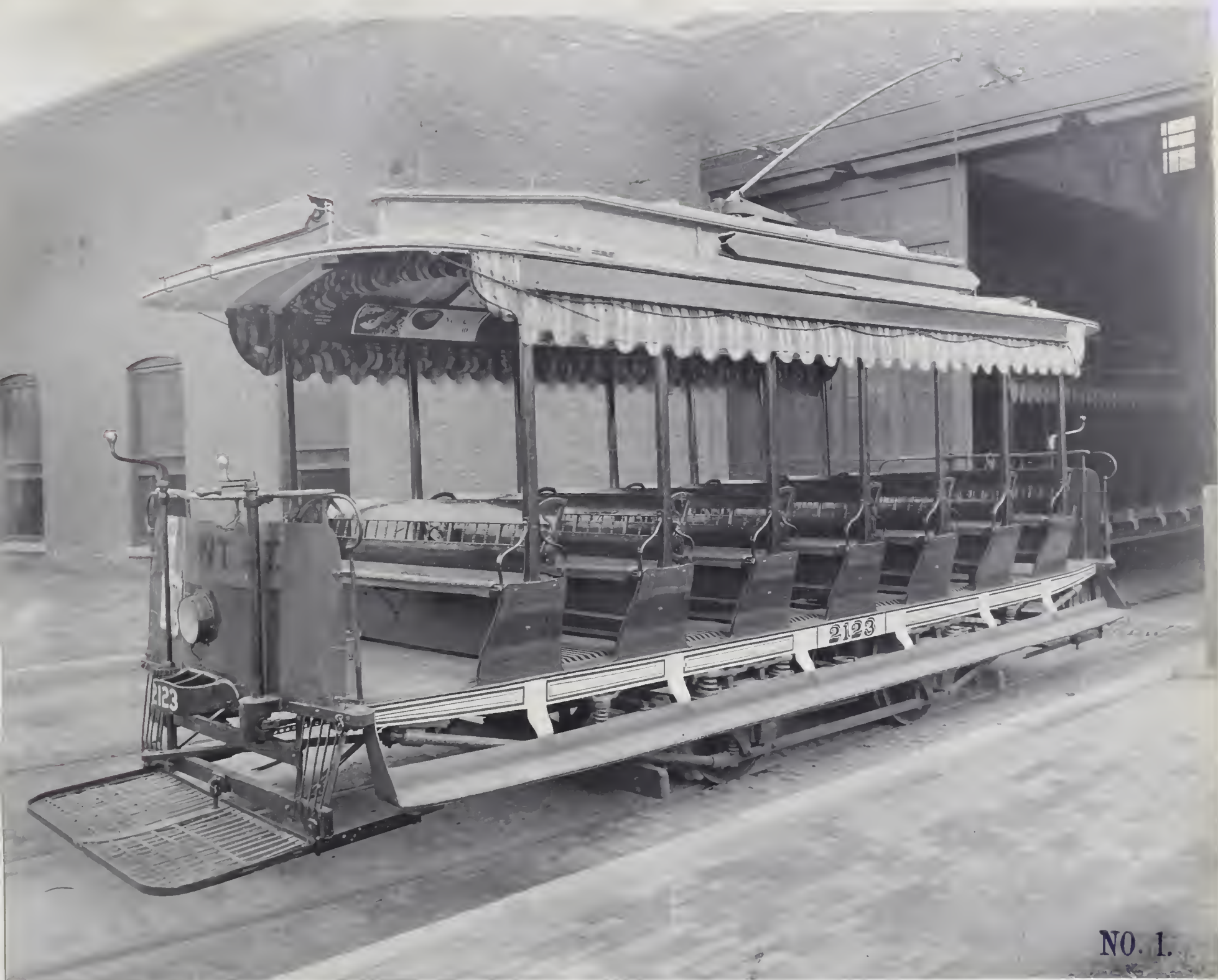




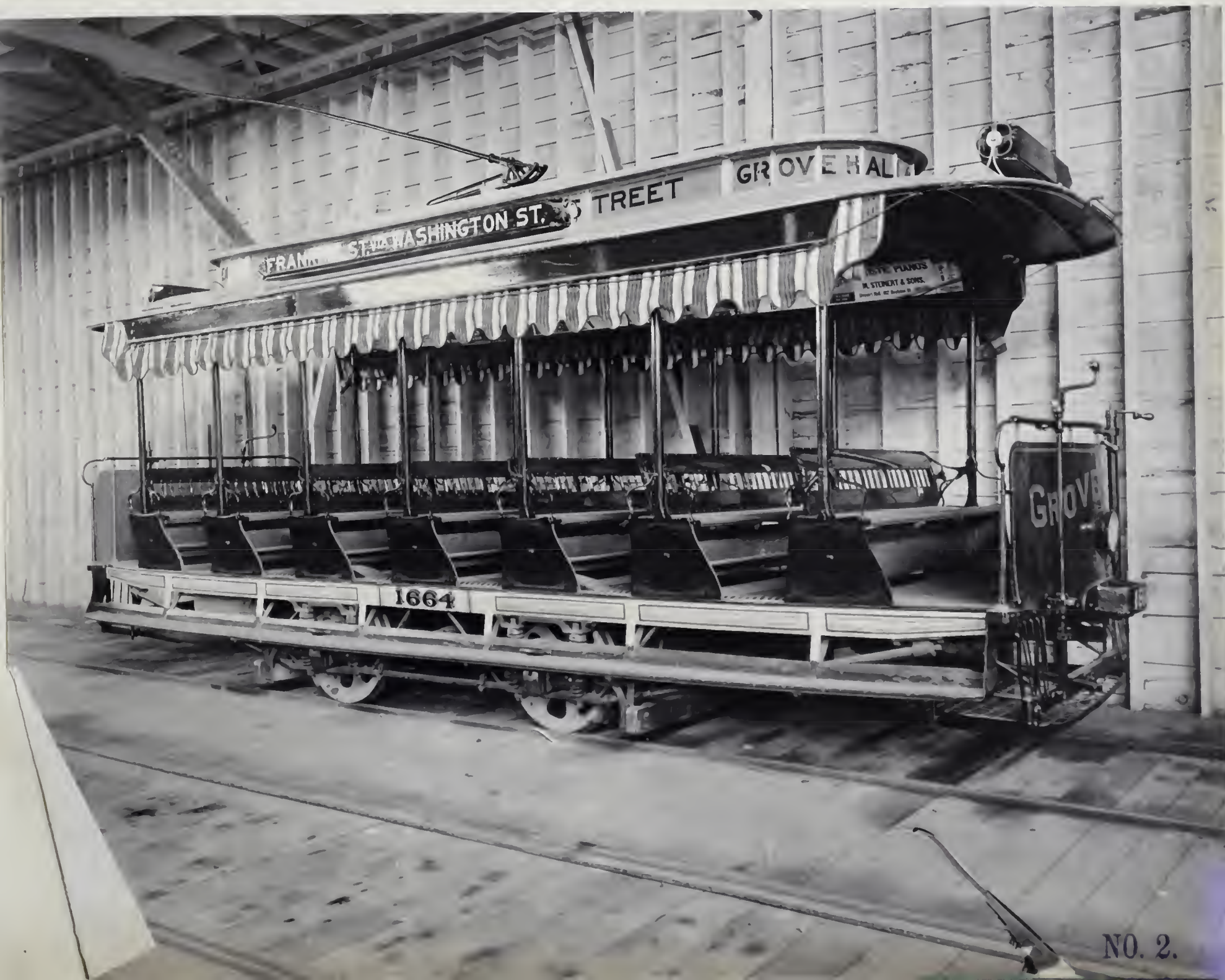








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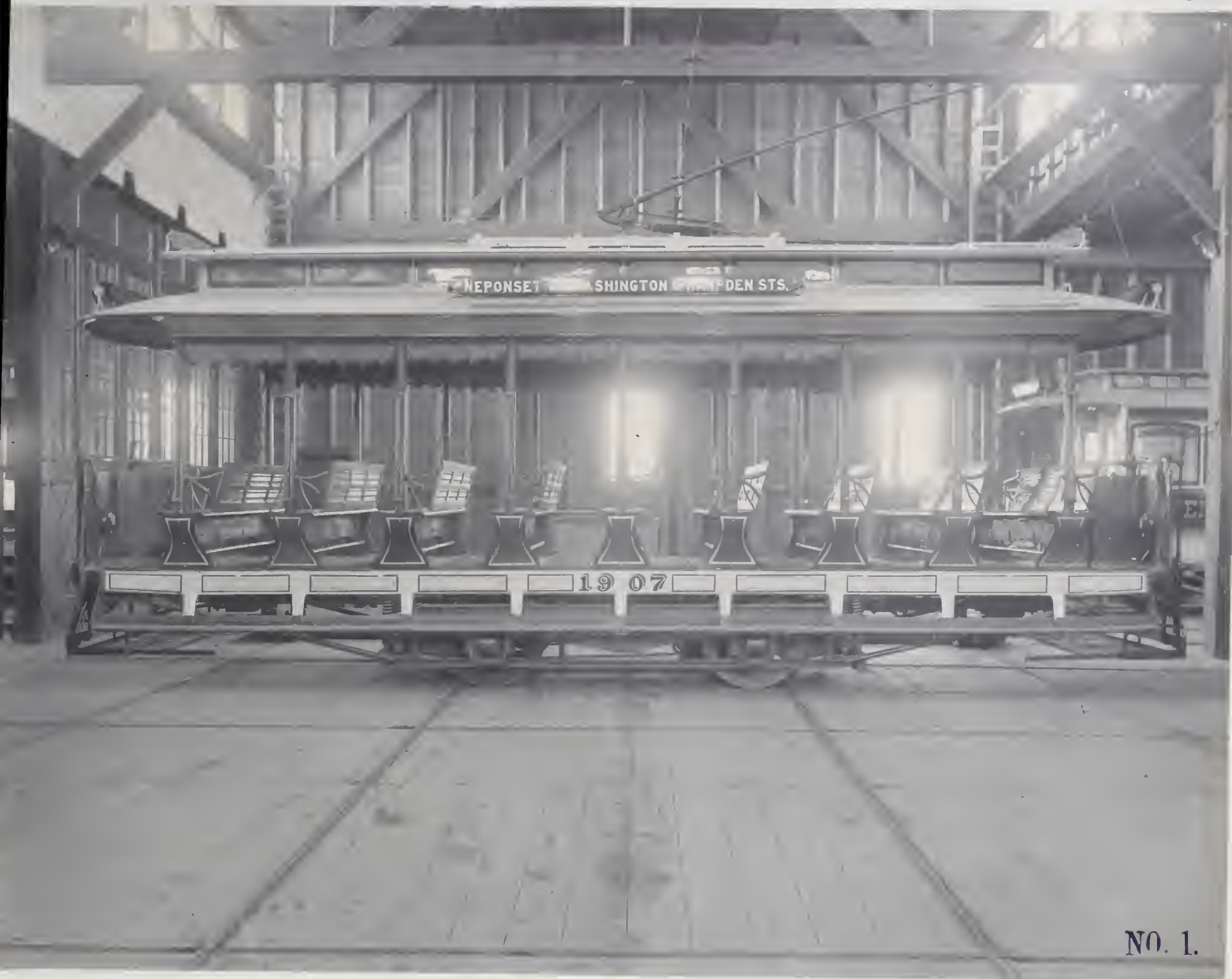


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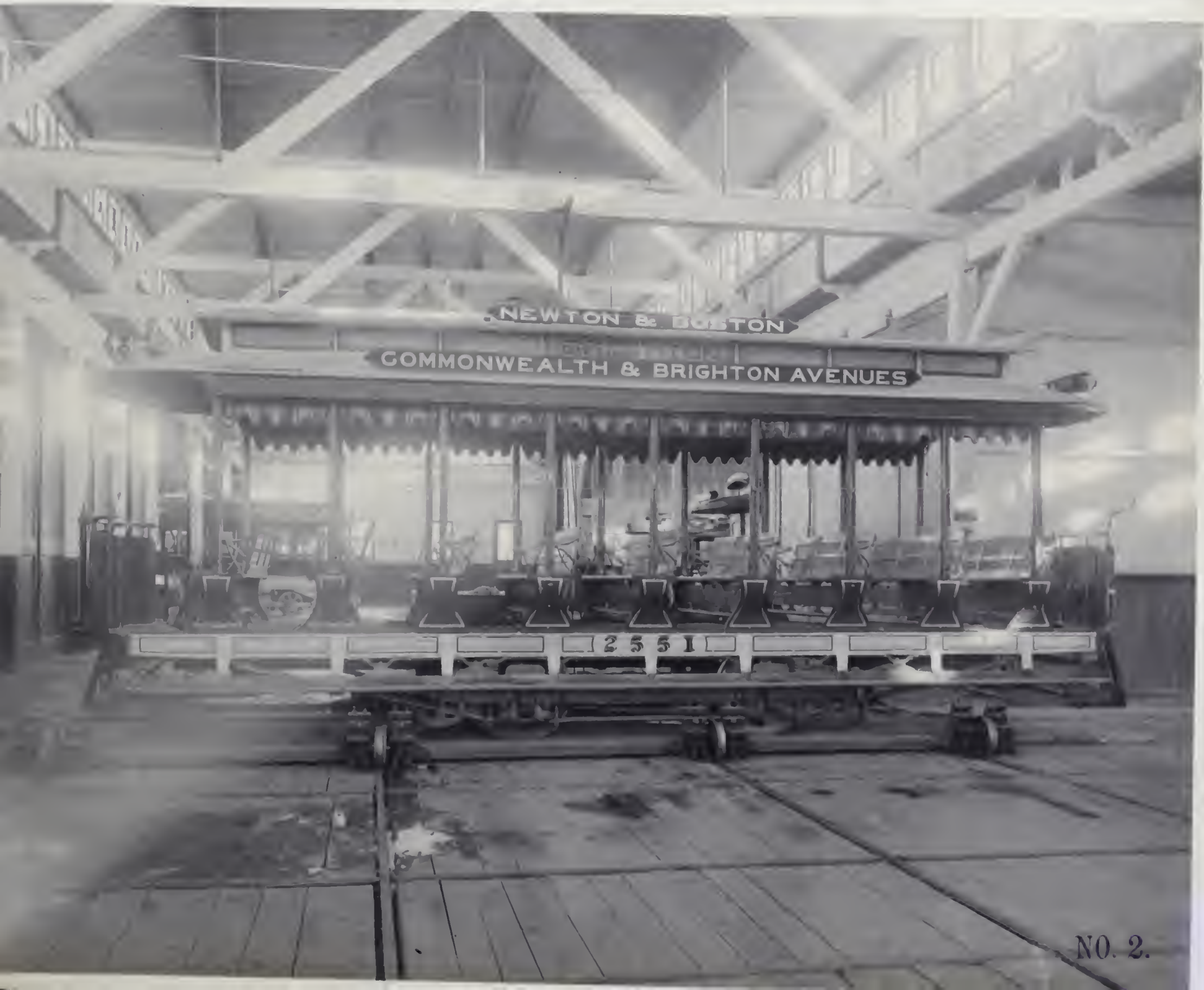








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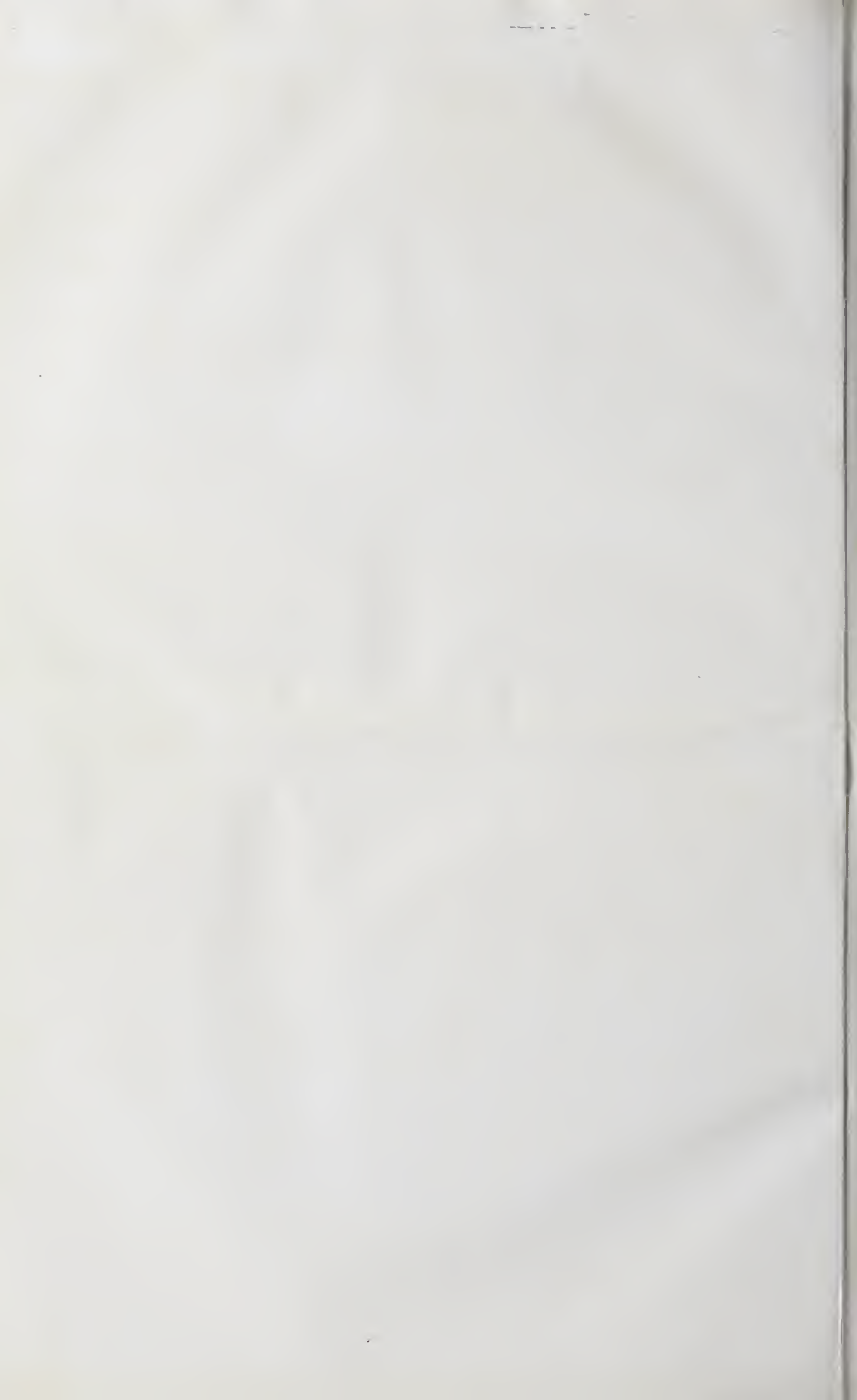
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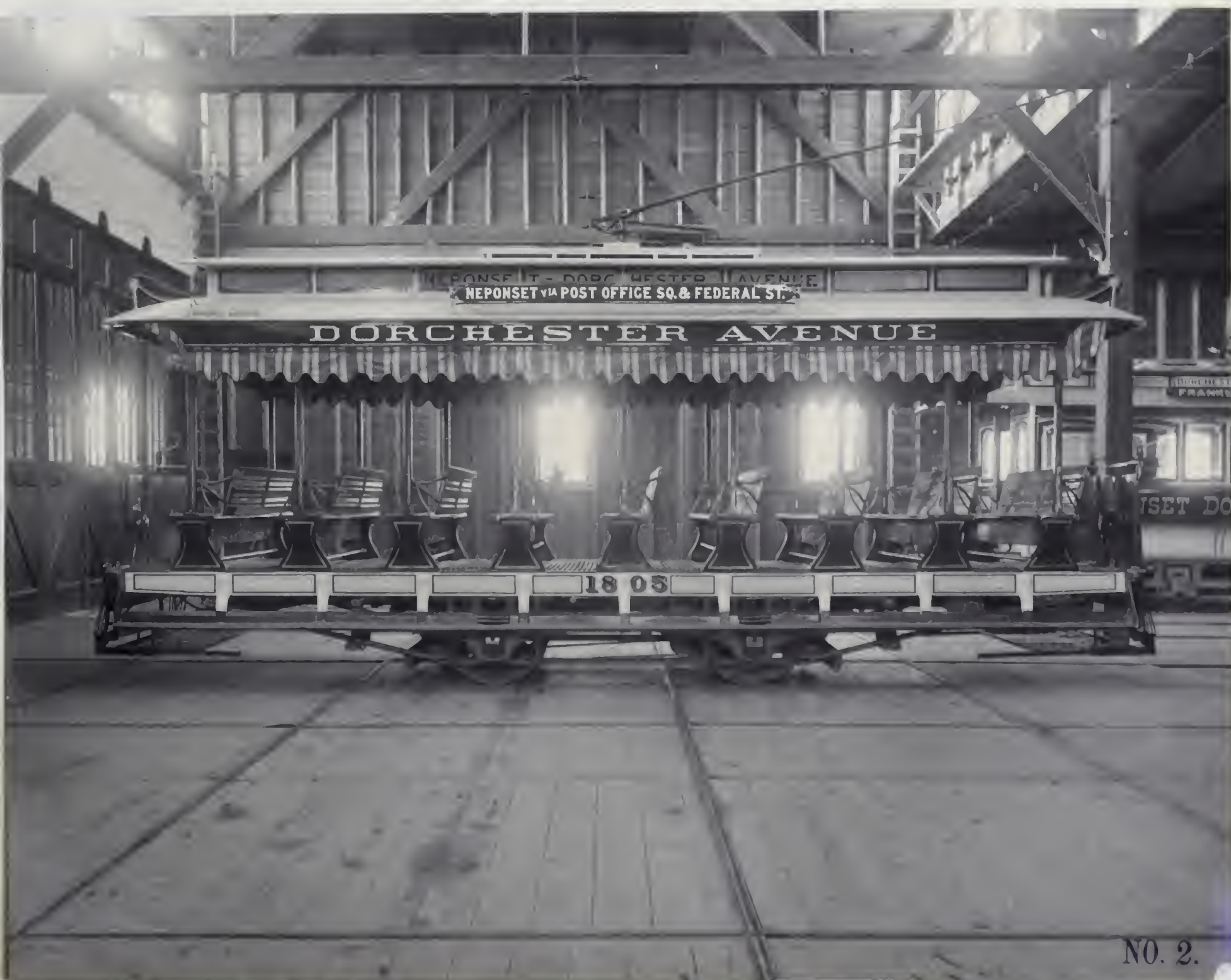
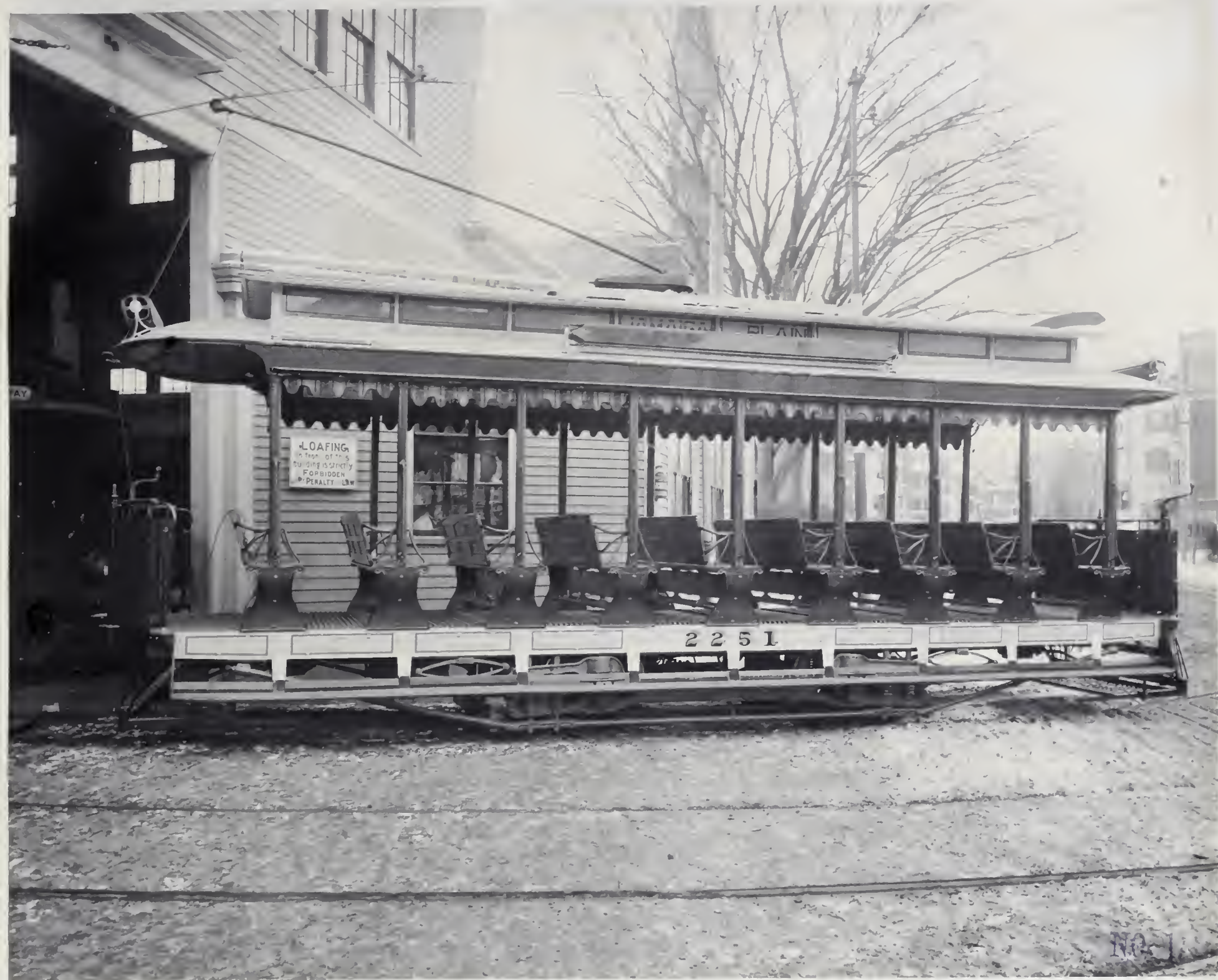




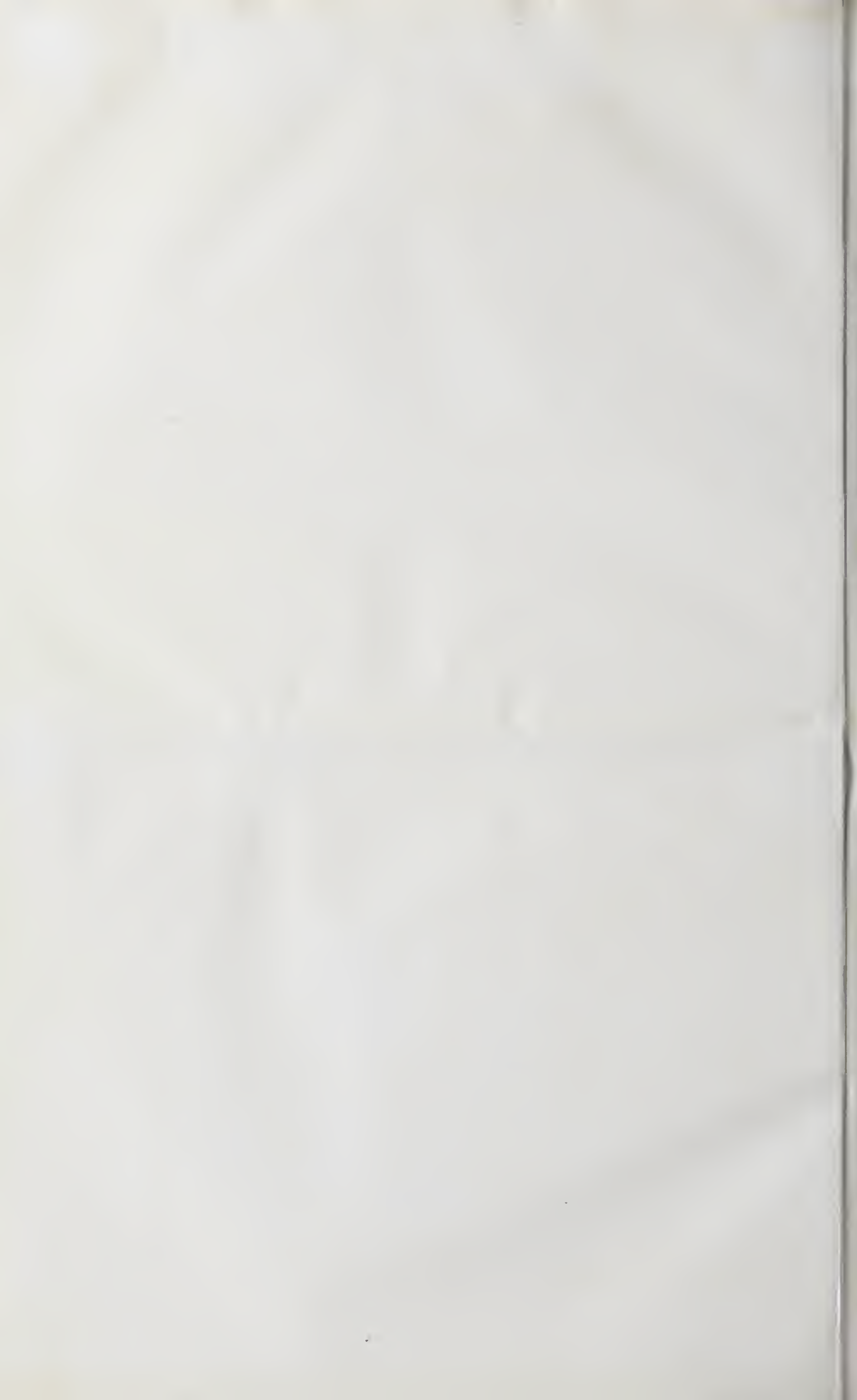










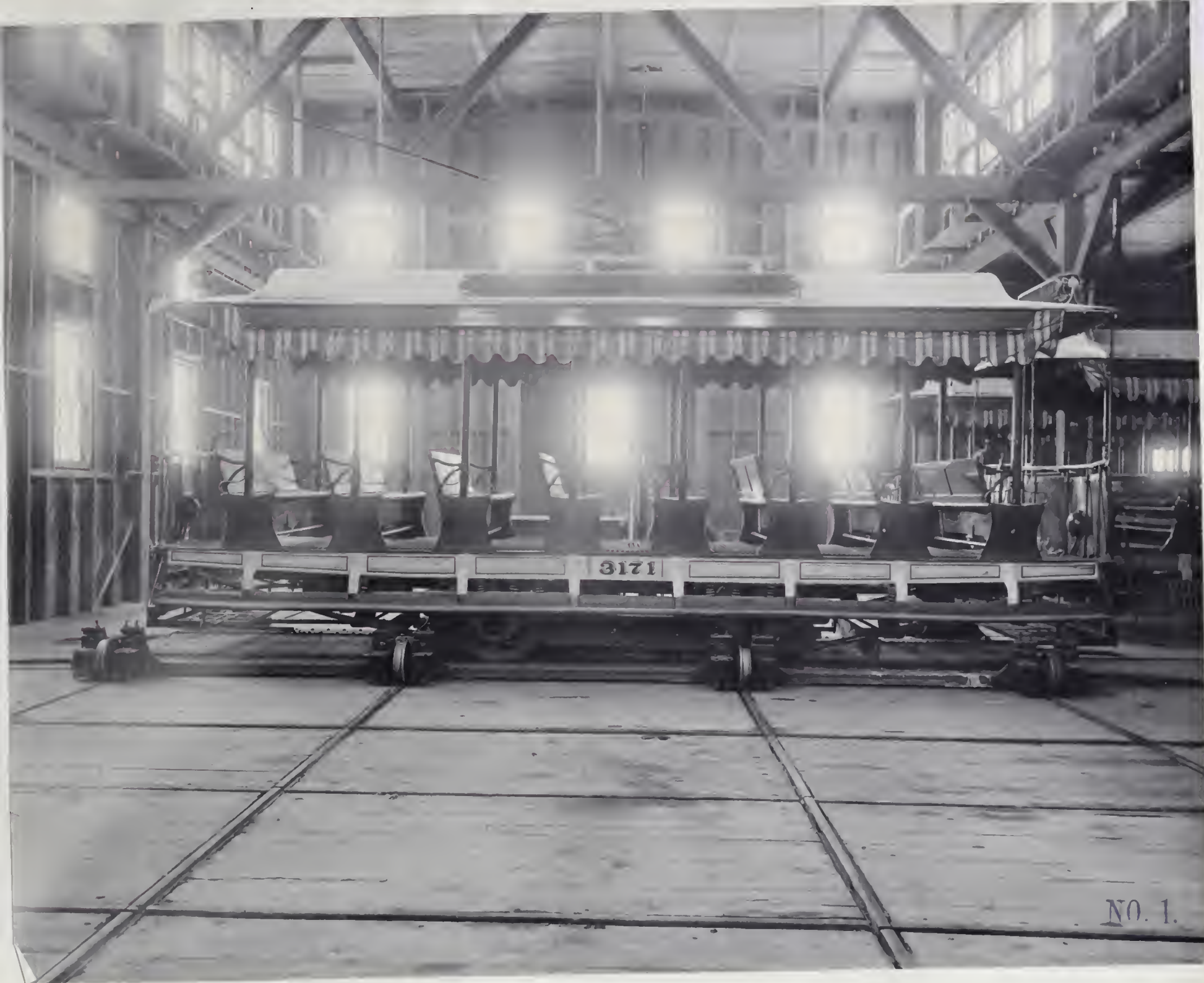










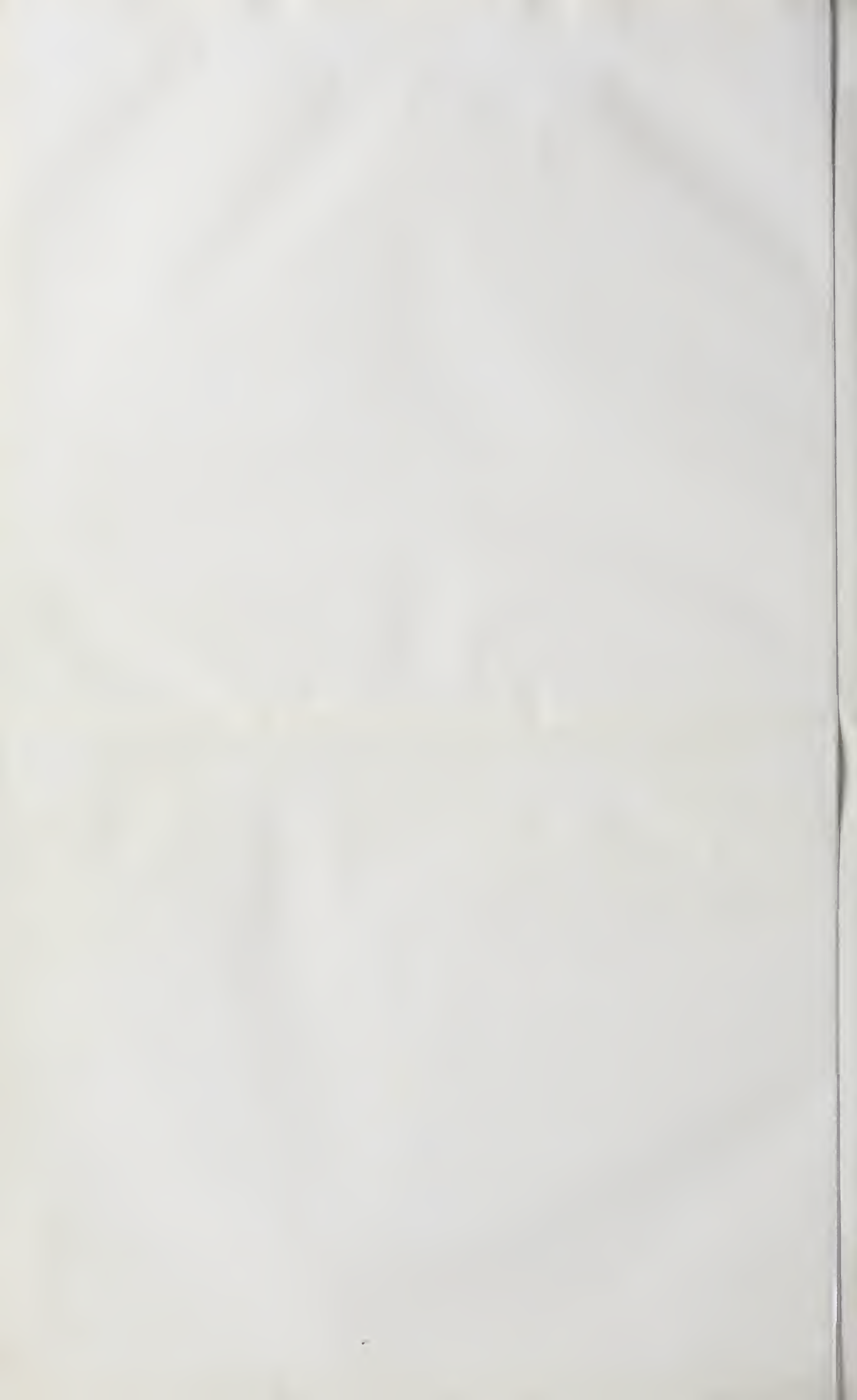


NO. 1.



NO. 2.







NO. 1.



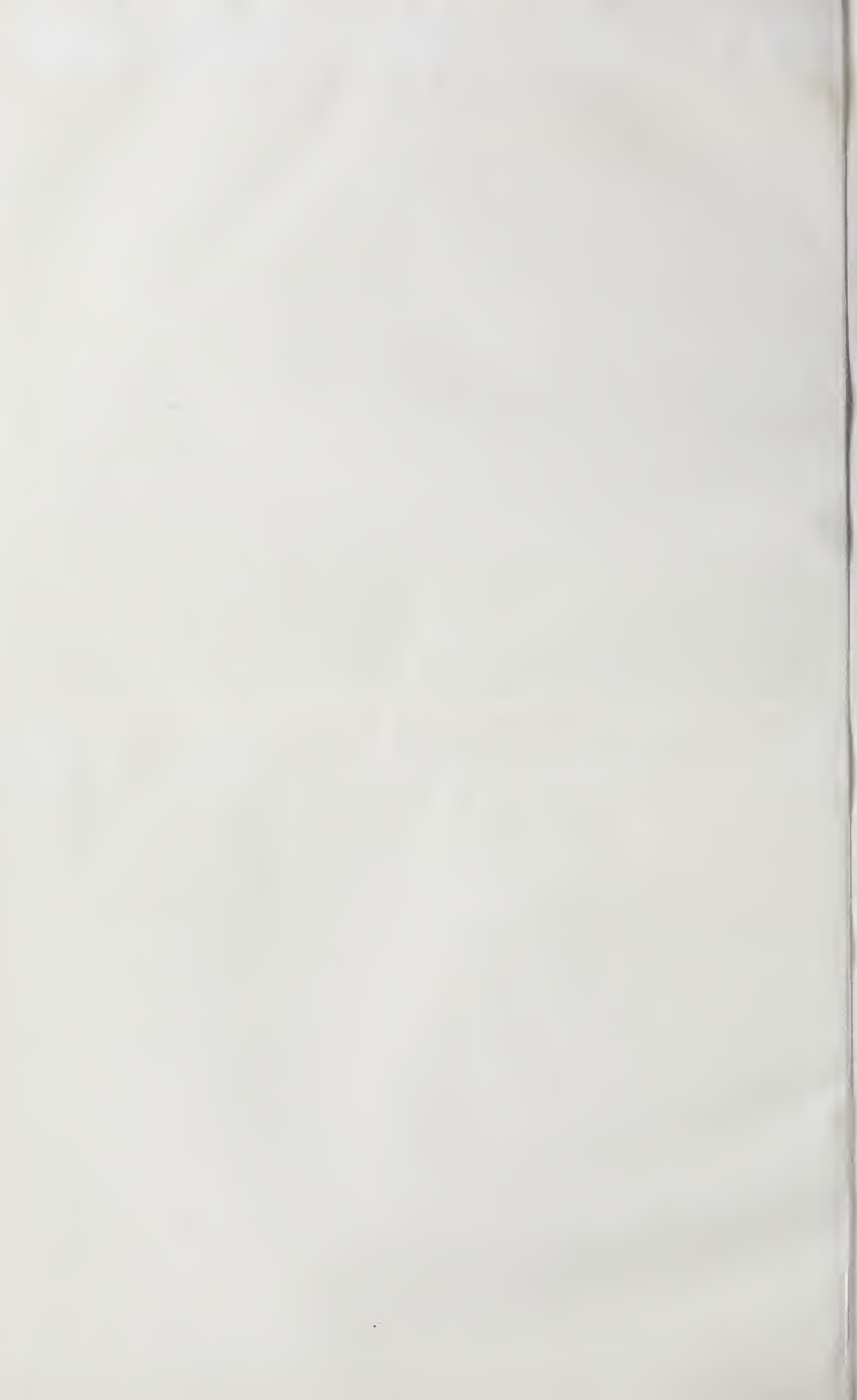
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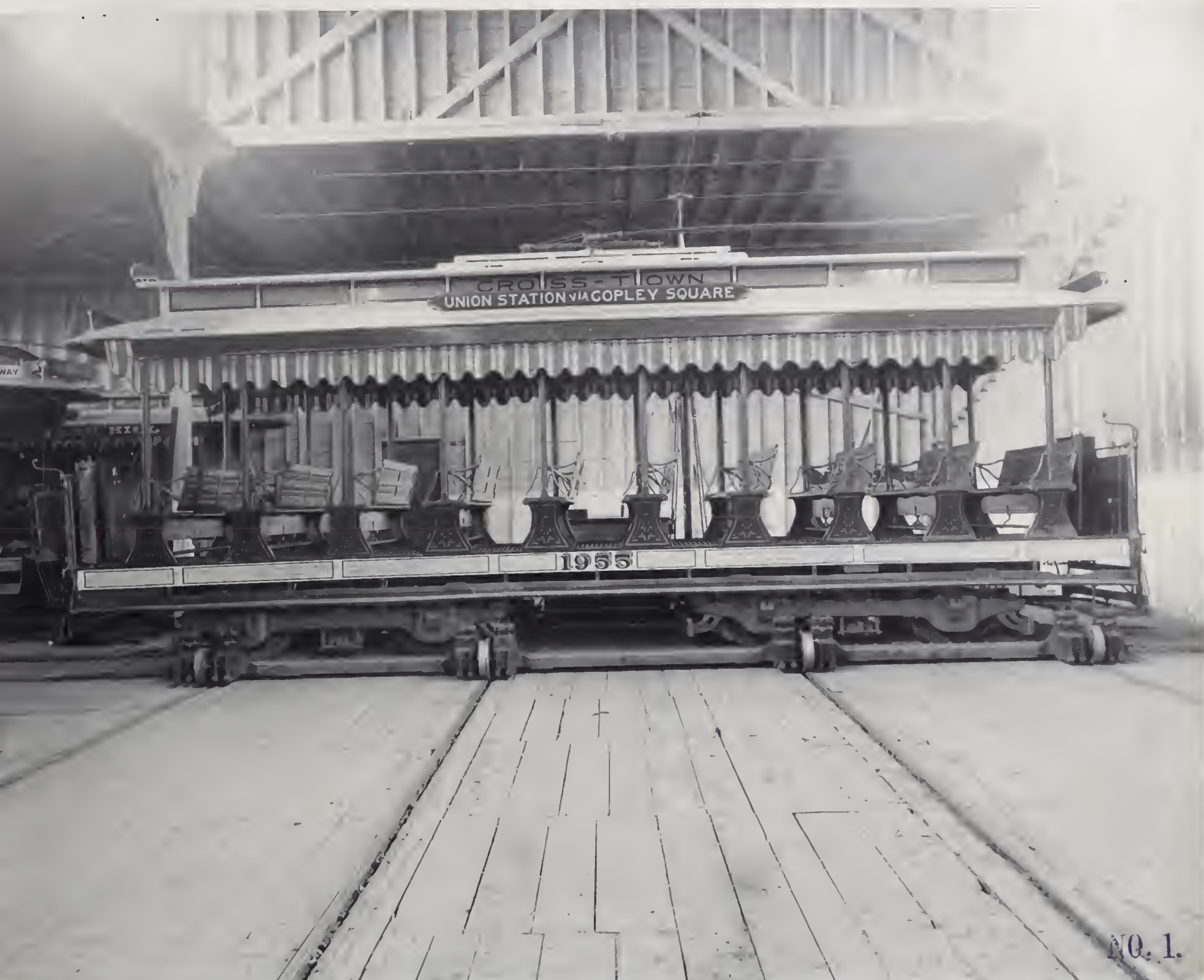












NO. 1.









U.S. MAIL

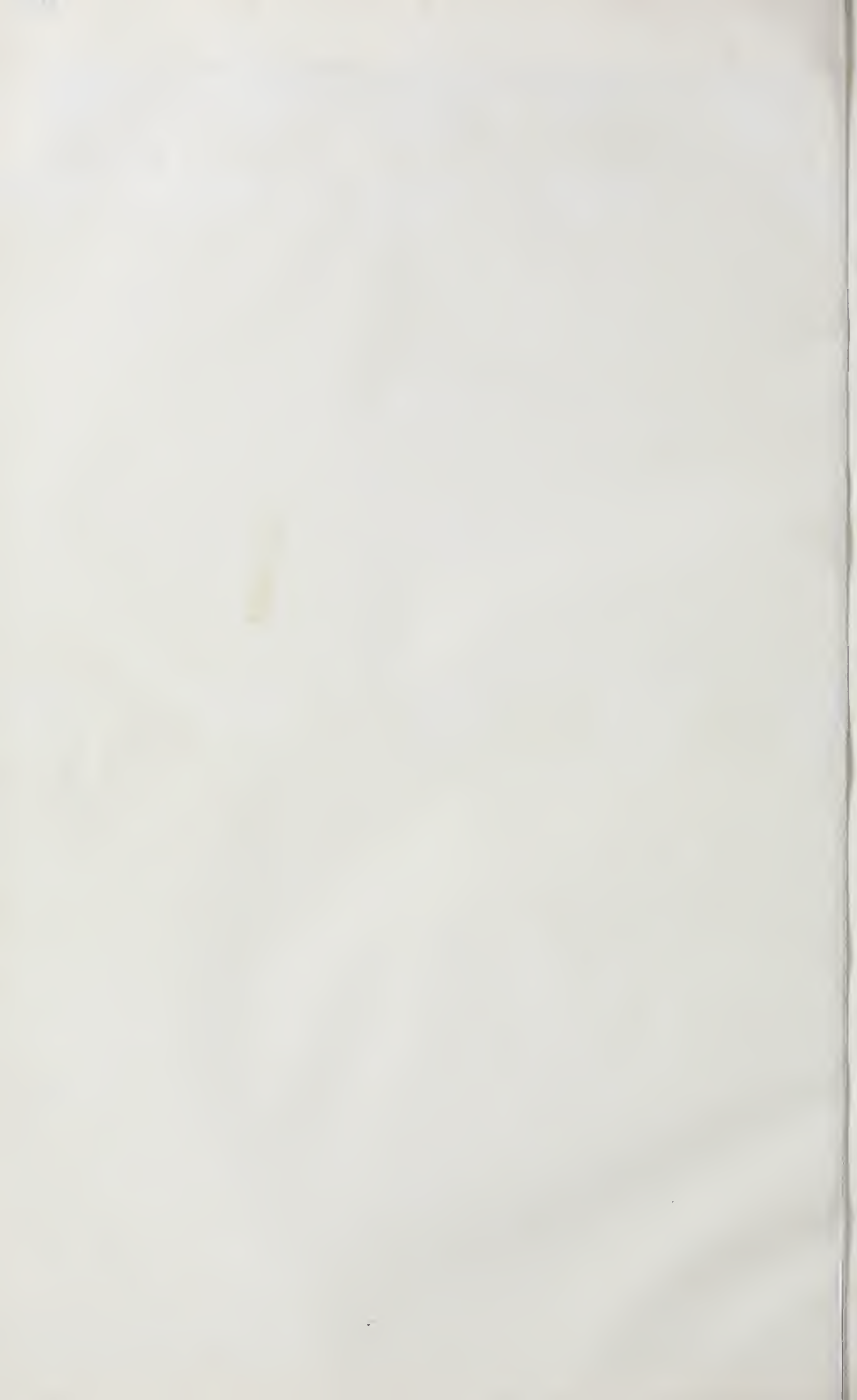
# 1301

U.S. MAIL









-:- DESCRIPTION OF 4 WHEEL RIGID TRUCK -:-

WEST END TYPES #57-#57D-#57E.

They were manufactured by the Railway Co. and the Laconia Car Co. and are used on box cars 22 ft. and under, in length of body, and 7 - 8 and 9 bench open cars. The form is that of a rectangular frame consisting of two side bars of channel iron carrying the cast iron pockets with springs which support the car body sills. Through springs under the frame resting on the boxes the weight of the car and trucks is transmitted to the axle. These boxes have projective ears or steps for the reception of the springs.

Tie beams of angle iron tie the frame cross-wise, support the brake mechanism and part of the weight of the motors; the balance of the latter being taken by the axles.

For the support of the car sills there are castings or spring caps resting on and confining the upper set of springs. These castings are bolted to the sills. Cast Iron jaws straddle the boxes and form guides for them to slide in.

There are four brake shoes with the Railway Company's standard brake mechanism. Passing through and forming a part of the truck are trusses attached to the car sills, consisting each of four vertical iron bolts passing through the upper spring caps, box springs and boxes, each side pair connected at their lower ends by a bar which on all open cars, and a few box, is extended in each direction by iron pipe bars to the car sills on account of their length.

The wheel base or the distance apart of the axles is 6' 0" and 6' 6". The former base being used under 16 ft., 7 and 8 bench cars only, the latter under 9 bench and 20 ft. box cars. Fenders are attached to the frame of each truck at both ends. Either one or two motors are used.

Types 57D and 57E are similar, but modified, improved forms of the same truck. The difference being principally in the number and arrangement of the springs and the shape of the castings used.

There are 927 of these trucks.

See drawings Nos. 1A, 1B, 1C, pages #103, #104 and 105.

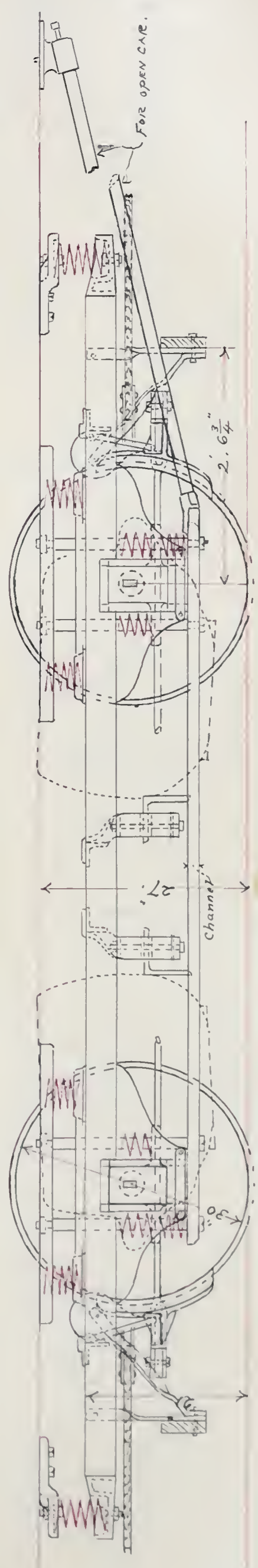
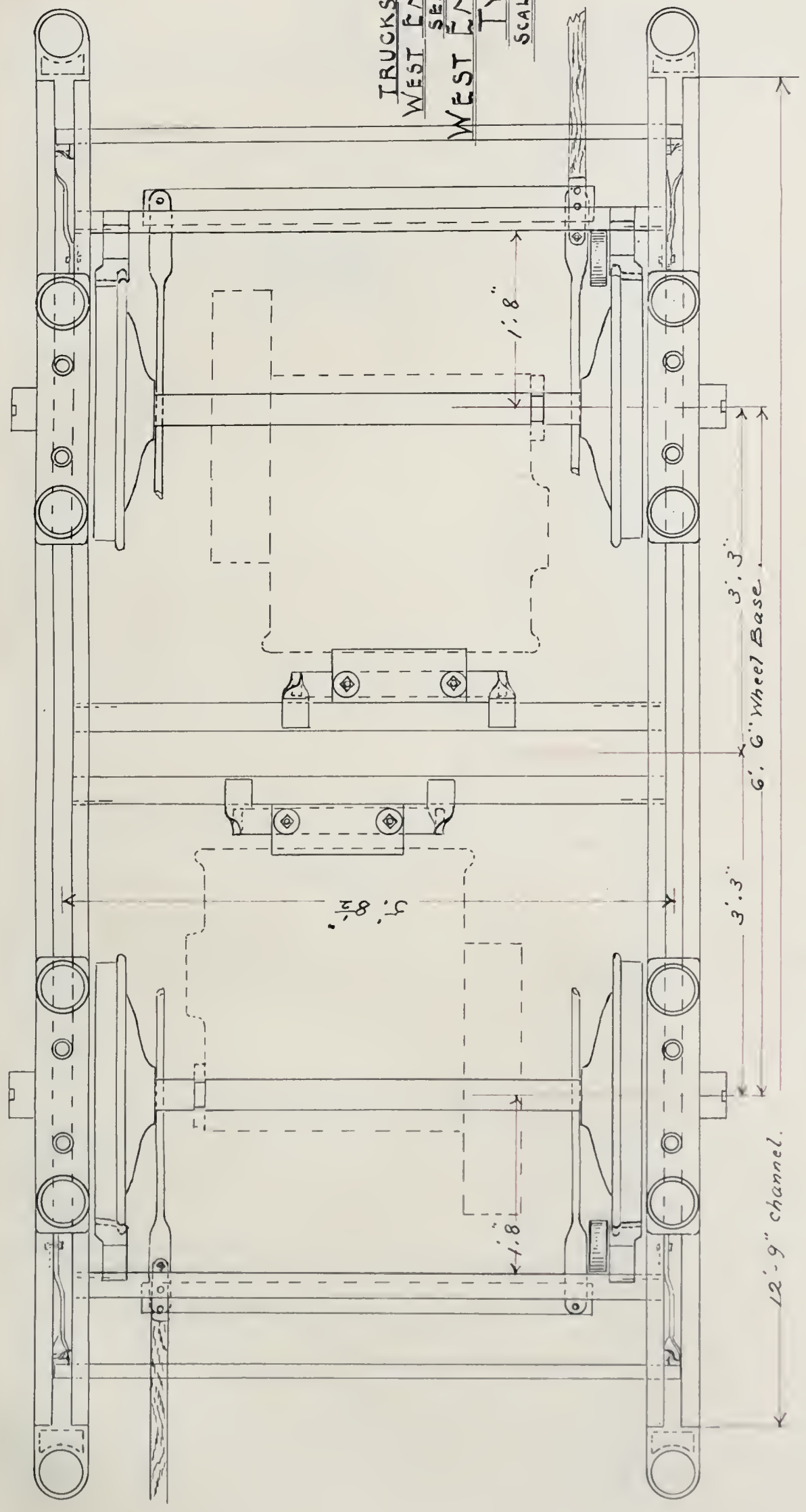
These trucks were built or purchased by the West End Street Railway Co. during 1891, 1892, 1893, 1894 and 1895.

NOTE: The earlier patterns were not constructed in a manner to warrant a very long life to these trucks and 128 of them were destroyed shortly after the lease took effect.

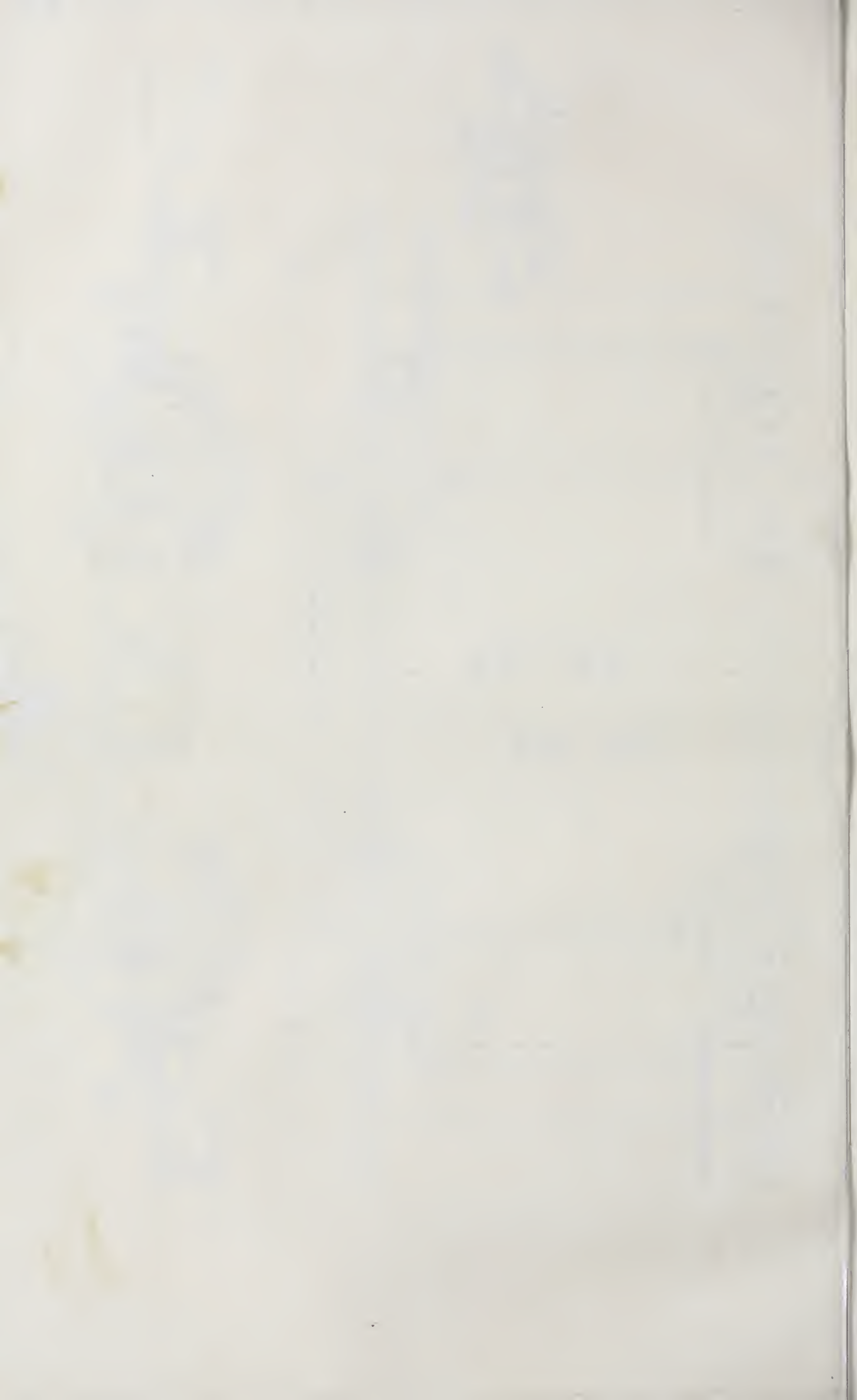




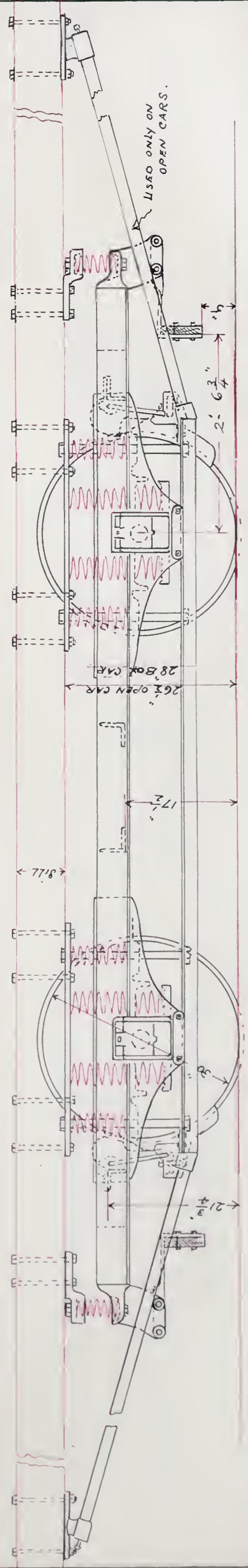
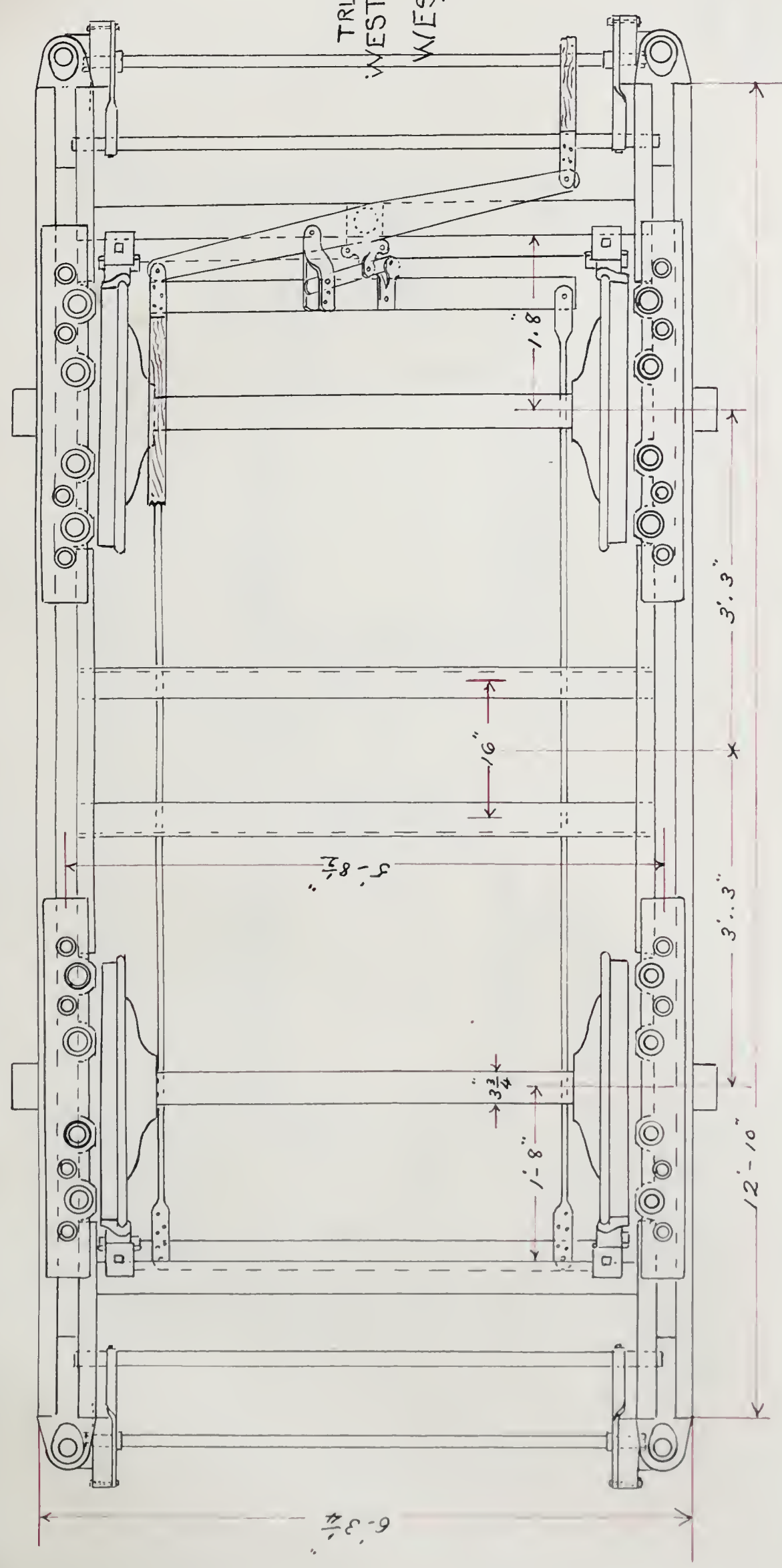
TRUCKS IN USE BY  
WEST END ST. RY. CO.  
SEPT. 1, 1907  
WEST END SHORT TRUCK  
TYPE #57  
SCALE  $\frac{3}{4}$ " = 1 FOOT.







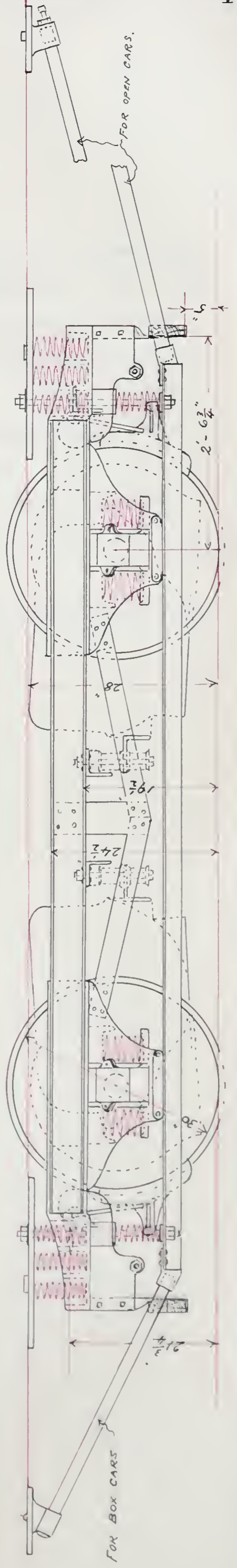
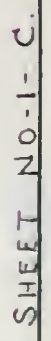
TRUCKS IN USE BY  
WEST END ST RY CO.  
SEPT-1-1897.  
WEST-END-SHORT-TRUCK  
TYPE 57-D.  
SCALE  $\frac{3}{4}$ " = 1 FT.







105







--:-- DESCRIPTION OF 4 WHEEL RIGID TRUCK --:--

BRILL TYPE

Manufactured by the Brill Car & Truck Co.. Used on short open and closed cars 22 ft. and under in length of body. The wheel base is 6' 6". The frame consists of two side bars of forged metal which support the upper set of springs. These springs, some of which are elliptical and some coil, support continuous bars which are bolted to the car sills.

The frame rests on coil springs supported by the steps on the boxes. Cross bars of angle iron support the brake mechanism and motors.

Fenders are attached to the side bars. Trusses of iron are used to support the long sills of open cars; these trusses being independent of the spring action of the truck but passing through the truck.

The Railway Company's standard brake mechanism, and brake shoes, motor suspension, wheels, axles, fenders, and bearings are used.

One or two motors can be applied.

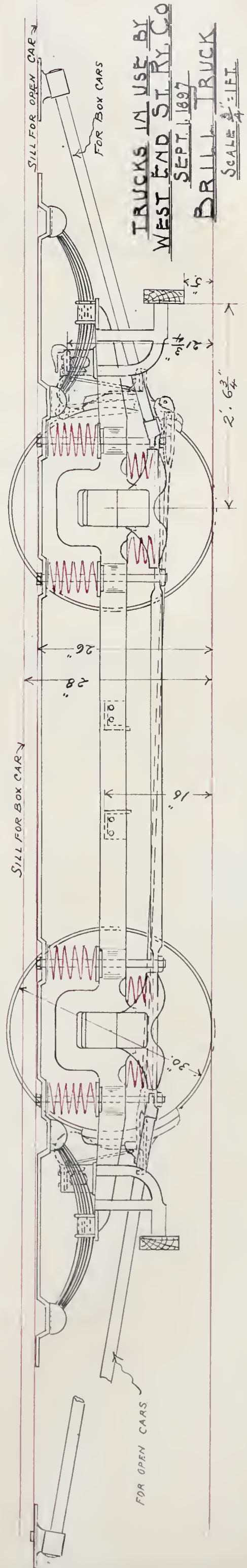
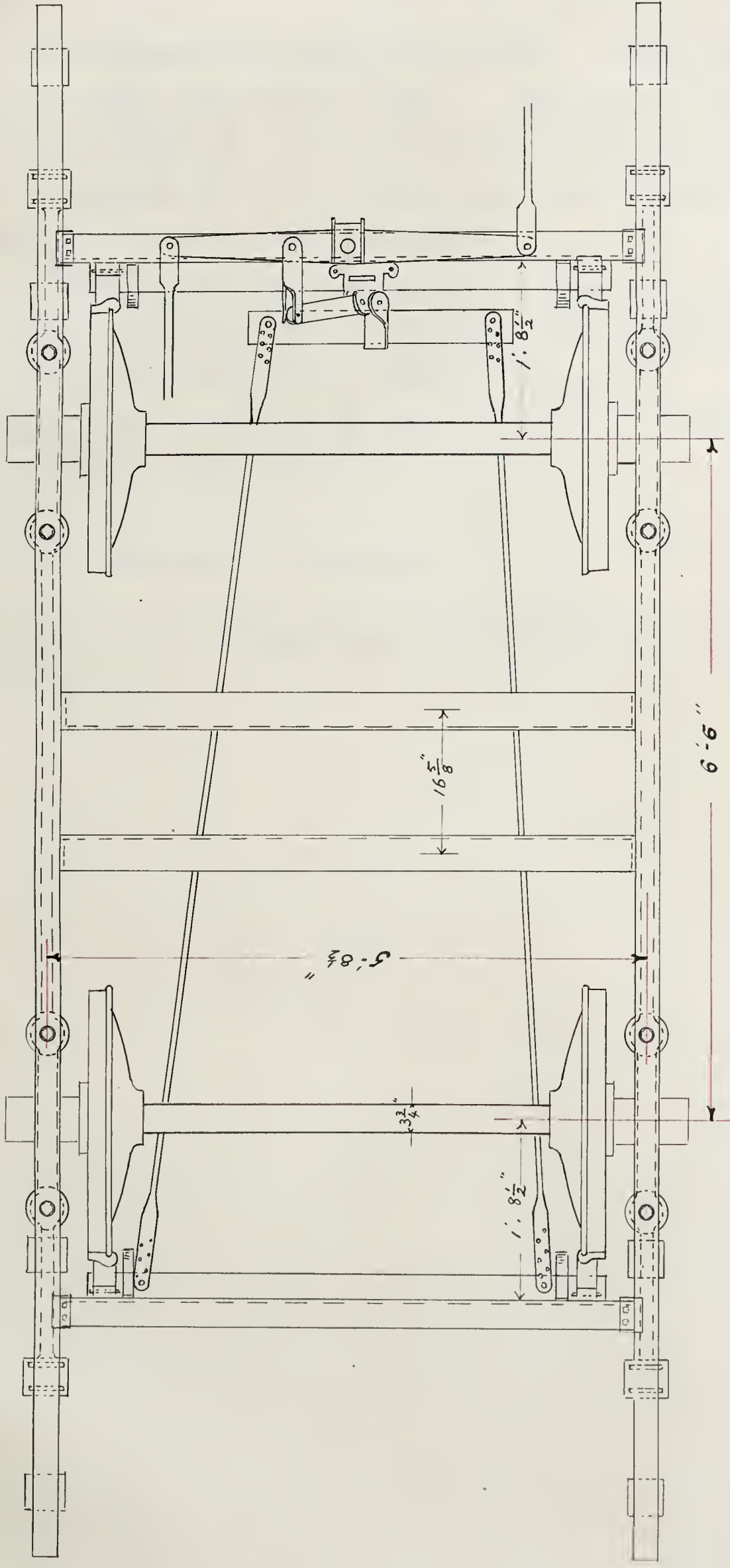
There are 198 trucks of this class.

See drawing #6 on page #107.

These trucks were purchased during 1897.











-:- DESCRIPTION OF 4 WHEEL RIGID TRUCK -:-

BEMIS TYPE 6 A

Manufactured by the Bemis Car Box Co. Wheel base is 6'0". Is used on the shortest open and box cars. The frame is made of a light bent car construction resting on the boxes through rubber springs.

It supports the coil sill springs, a pair of which are used over each box; these in turn support the sill plates.

A truss consisting of bottom cord, posts, and braces is attached to the sill and passes through the truck frames, springs, and boxes.

Truss rod extensions are used for open cars. The Railway Company's standard brake shoes, wheels, axles, fenders, and bearings are used.

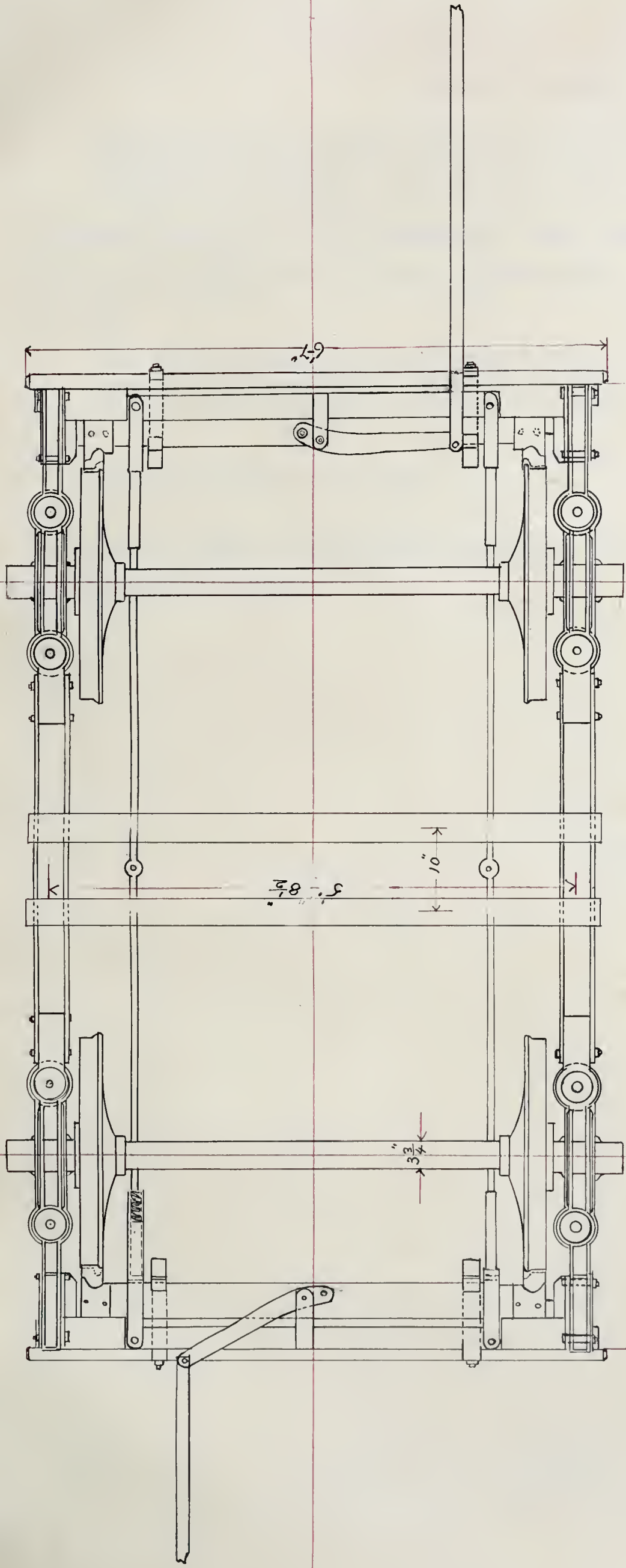
There are 191 trucks of this class.

See drawing #11 on page #109.

These trucks were purchased during 1889 and are somewhat out of date but still in use.



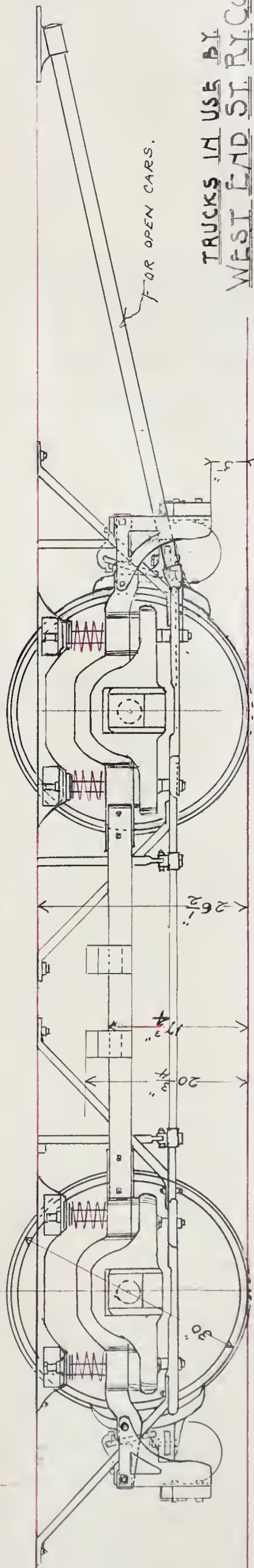




25"

6'-0"

25"



FOR OPEN CARS.

TRUCKS IN USE BY  
WEST END ST. RY. CO.  
SEPT. 1, 1897  
DEMIS NO. 6A  
SCALE 3/4" = 1 FT.





-:- DESCRIPTION OF 4 WHEEL RIGID TRUCK -:-

BEMIS TYPE #26.

Manufactured by the Bemis Car Box Co. and used on short box cars.

Consists of a frame of two side bars attached to hollow jaw castings which enclose and rest on a coil spring over each box. These bars support two coil sill springs over each box, and one single elliptical spring on each end of frame

The whole equipment is the Bemis Standard.

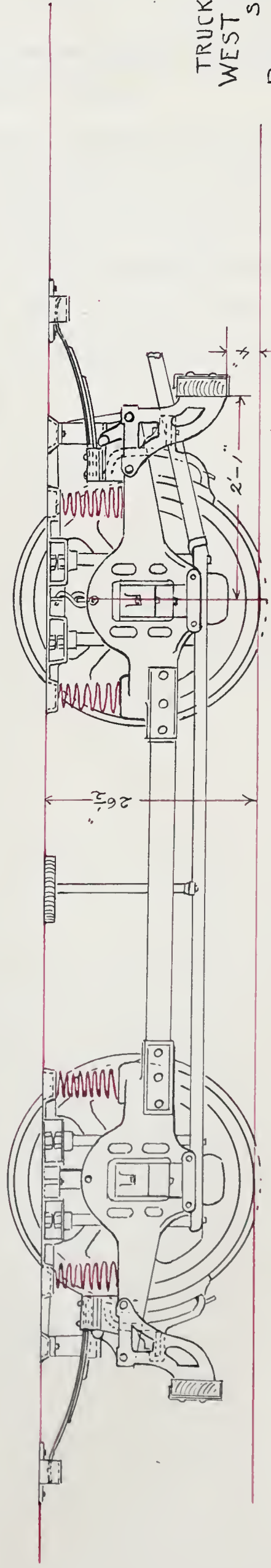
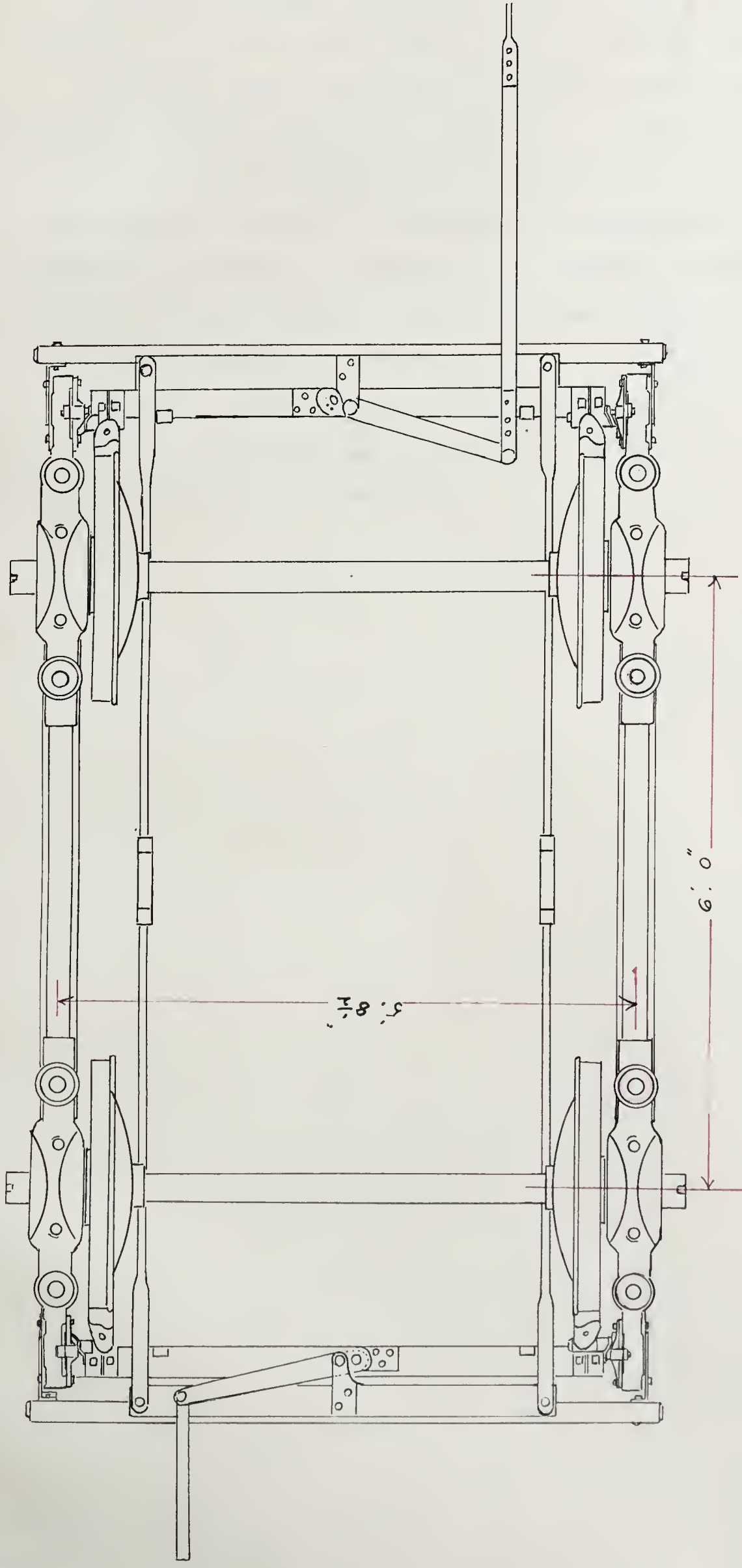
There are two trucks of this class in use.

See drawing #3 on page #111.

One of these was purchased in 1889 and the other in 1891, and are used under the two "Motor cars."







TRUCKS IN USE BY  
WEST END STRY CO.  
SEPT. 1. 1897.  
BEMIS NO 26  
Scale  $\frac{3}{4}$ " = 1 FT.





-:- DESCRIPTION OF 4 WHEEL RIGID TRUCK -:-

PECKHAM TYPE

Manufactured by the Peckham Truck Co. and used under short open and box cars. The wheel base is 6' 6".

Consists of side frames in the form of flat bar trusses supporting elliptical and coil springs which carry bars attached to the car sills.

The side frames are riveted to the jaw castings which transmit the weight through a spring resting on each box. Cross ties and braces are used for the support of the brakes, motors and fenders. Truss rods are also run between the frame and car sill where the length of the sill will admit them. The Railway Company's standard brake mechanism, shoes, axles, wheels, motor suspension, fenders, and box construction are used. Two motors or one alone are used, depending on the condition.

There are twelve trucks of this class.

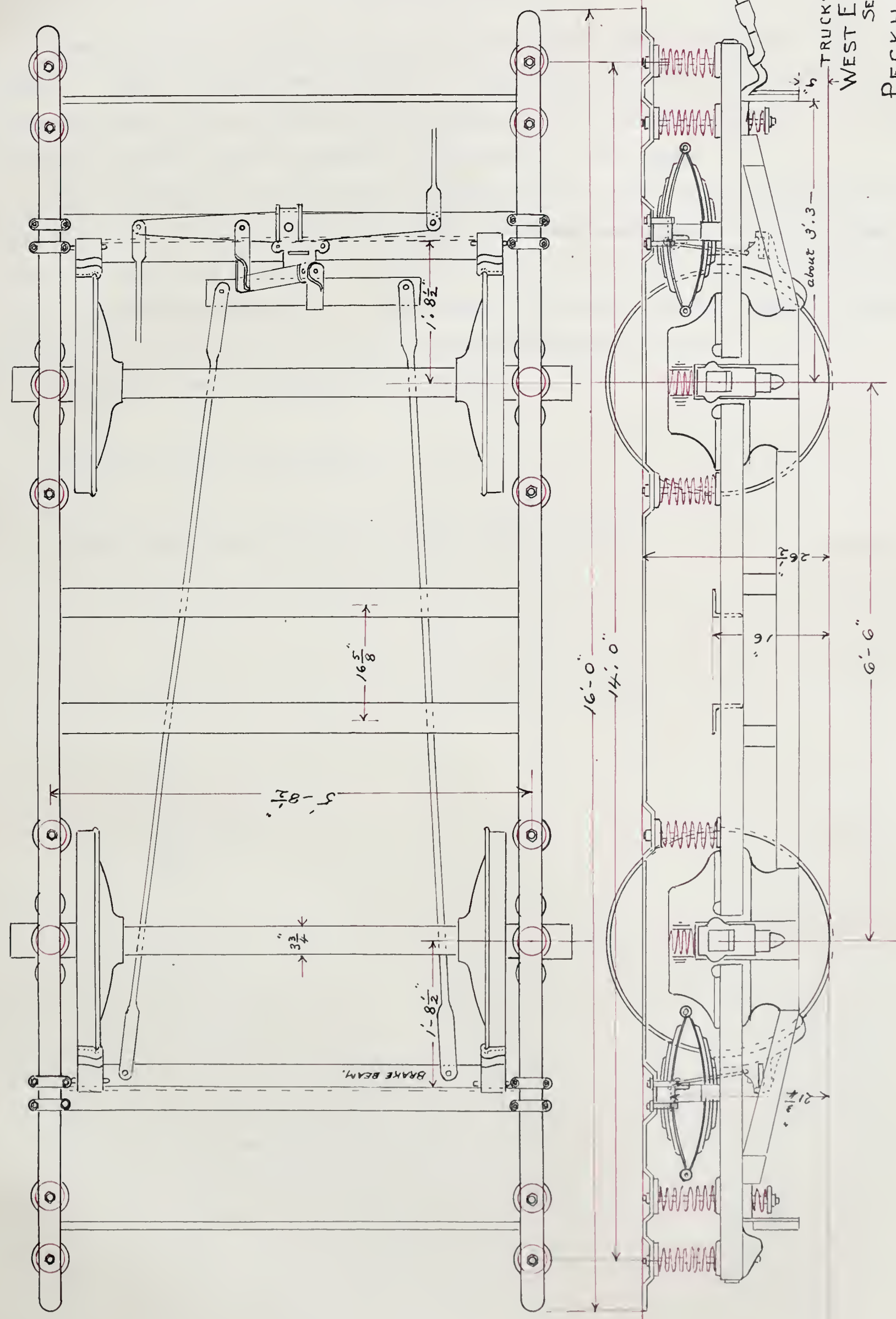
These trucks were purchased during 1895.

See drawing #5 on page #113.





TRUCKS IN USE BY  
WEST END ST RY CO  
SEPT. 1-1897.  
PECKHAM TRUCK.  
SCALE  $\frac{3}{4}$ " = 1 FOOT.







-:- DESCRIPTION OF 4 WHEEL RIGID TRUCKS -:-

ST. LOUIS TYPE.

Manufactured by the St. Louis Car Co. and used under open cars of the 9 bench type. Has a wheel base of 6' 6". The frame consists of two steel side bars I section which form the jaws for the boxes to work in, and pockets for the coil springs, one over each box and two at each end of the frames.

Each frame also supports two elliptical springs which carry the sill plates. Each sill has a truss of pipes and bolts with cast connections passing through and confined by the frame. The cross bars are of angle iron and support the motors and brake mechanism. The latter, the wheels, axles, fenders, bearings and motor supports are the Railway Company's standard pattern.

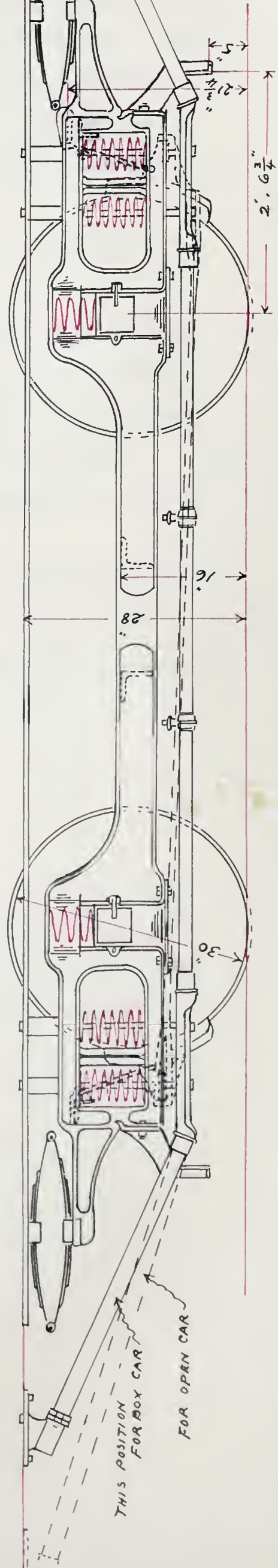
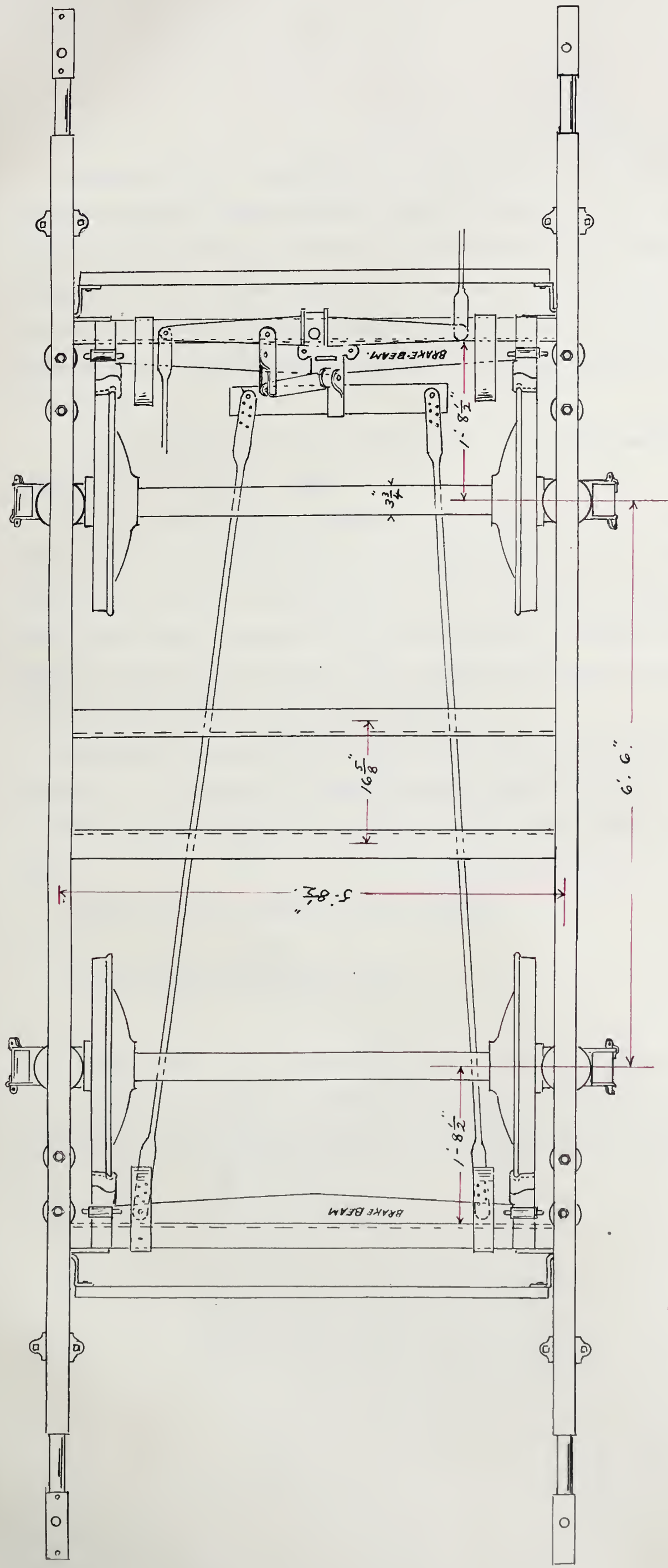
There are 260 trucks of this class.

See drawing #2 on page #115.

These trucks were purchased during 1895 and 1896.







TRUCKS IN USE BY  
WEST END ST RY CO  
SEPT-1-1897.  
ST. LOUIS TRUCK.  
SCALE 3/4" = 1 FT.





--:- DESCRIPTION OF 6 WHEEL SWIVELLING TRUCK --:-

ROBINSON RADIAL TYPE

Manufactured by the Robinson Radial Truck Co. with improvements made by the Railway Company in some details, and used under 25 ft. box cars or long open cars. There are three trucks in one, or three axles with frame about them, all tied together with pin connections as well as by the brake mechanism and the end frames and axles, being pivoted at their centers to the car body. The center frame and axle always stands and moves at right angles to the longitudinal axis of the car.

The end axles are 14 ft. on centers. Each end truck is intended to carry  $\frac{2}{5}$  of the whole load.

They consist of an irregular oval shaped frame of channel iron, carrying the four corner chafing rollers, the two jaw castings, the brake mechanism and supports for the motor and fenders. Intermediate cross bars in the frame carry the center castings with roller bearing attached to an idle frame. The center truck frame is similar but smaller and arms on each engage the arms of the end trucks above swivelling pins.

Saddles are placed over each box to carry the springs and help support the fenders. One motor is used on each end truck only.

The Railway Company's standard brake shoes, axles, fenders and bearings are used.

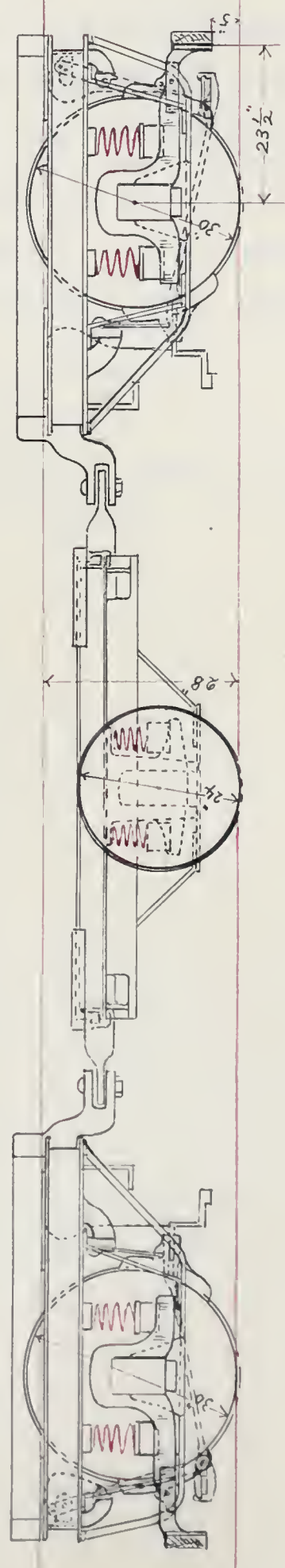
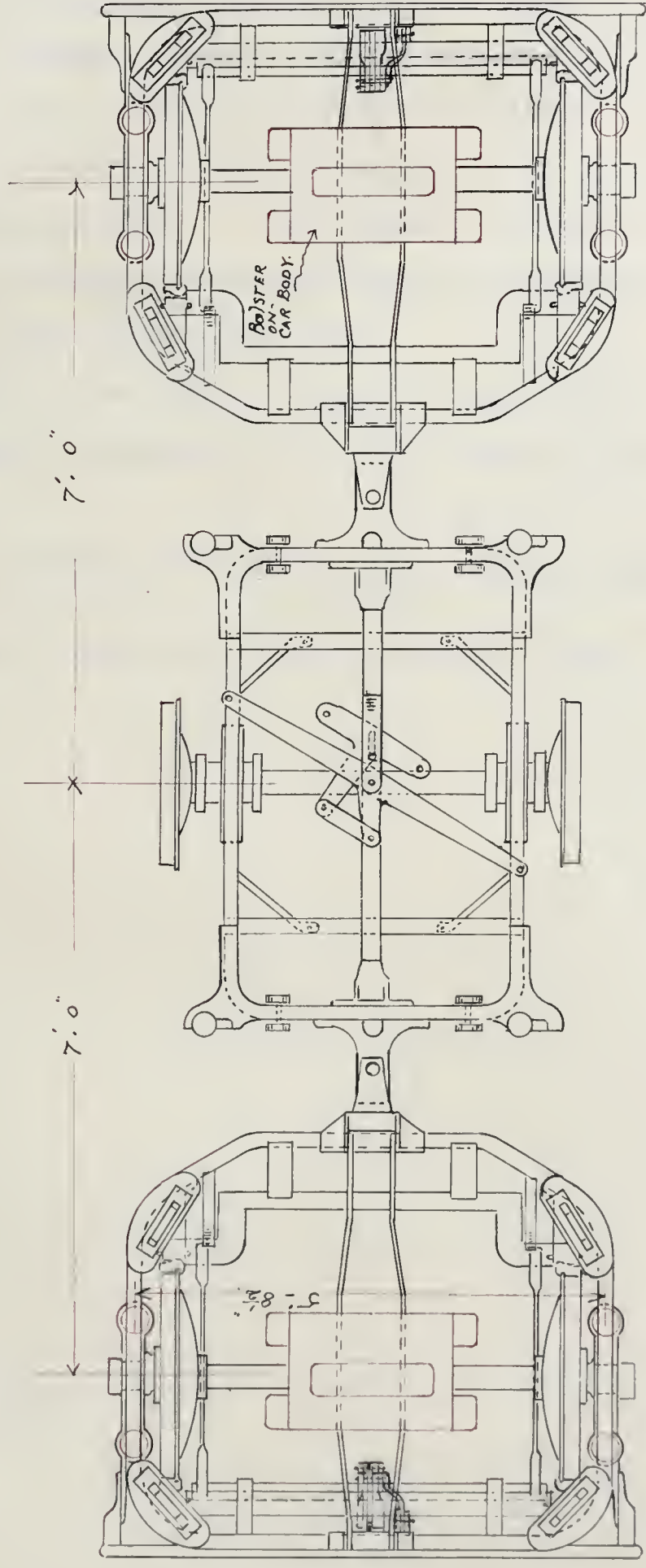
There are 51 trucks of this class.

See drawing #10 on page #117.

These trucks were purchased during 1890 and 1891 and at the present time are so badly worn that it has been thought advisable to discard this pattern and twenty-seven were destroyed shortly after the lease went into effect.







TRUCKS IN USE BY  
WEST END ST. RY. CO.  
SEPT. 1, 1897  
ROBINSON RADIAL TRUCK  
SCALE 1/2" = 1'-0"





-:- DESCRIPTION OF 4 WHEEL SWIVEL TRUCK -:-

TAYLOR TYPE

Manufactured by the Taylor Truck Co.. Has 5' 2" wheel base. Is used on 25 ft. box cars. There are two trucks per car. The truck is built for two motors.

The frame consists of a flat bar bent in a rectangular form with rounded corners, trussed on each side to support the hollow jaw castings which contain the main coil springs and guide the boxes. It also supports the swinging bolster with center pin and chafing irons which rests on two sets of double elliptical springs. The truck is pivoted at its centers. The Railway Company's standard brake mechanism, shoes, motor support, wheels, axles, boxes, bearings, and fenders are used.

There is one set of trucks of this class.

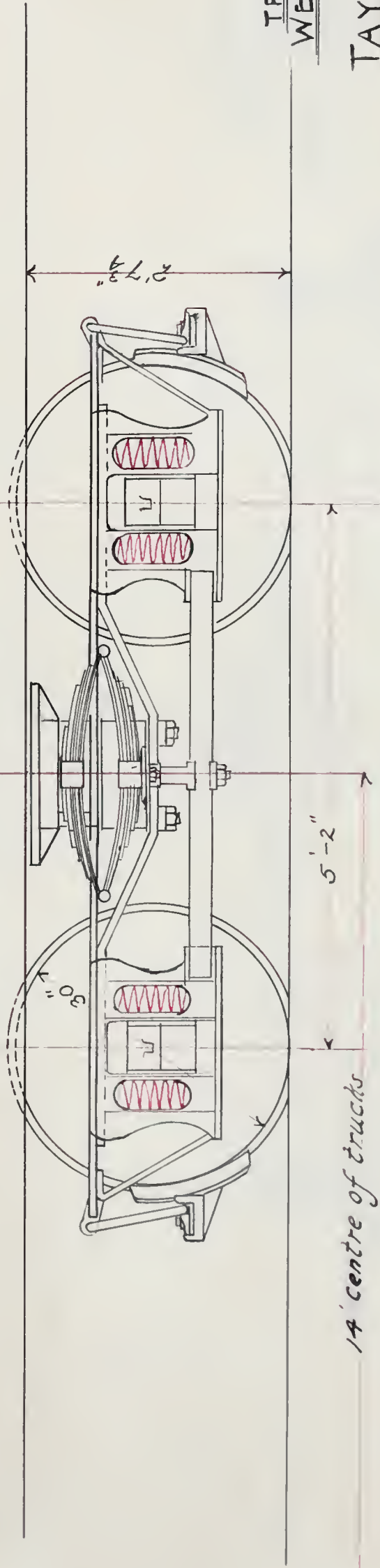
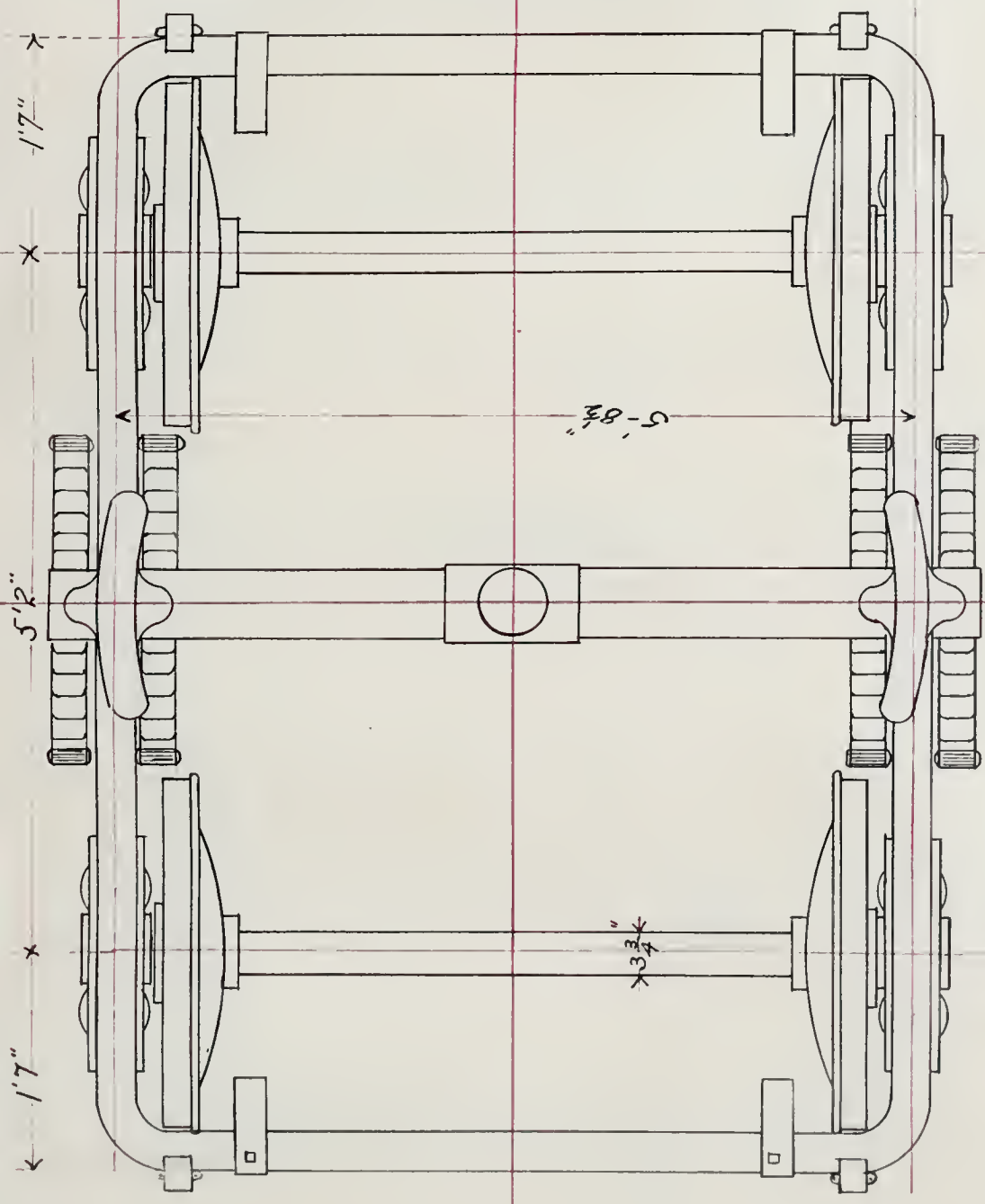
There is another truck of the same description made by the Laconia Car Co.

See drawings #7 & #8 on pages #119 and #120.

These trucks were purchased during 1895.







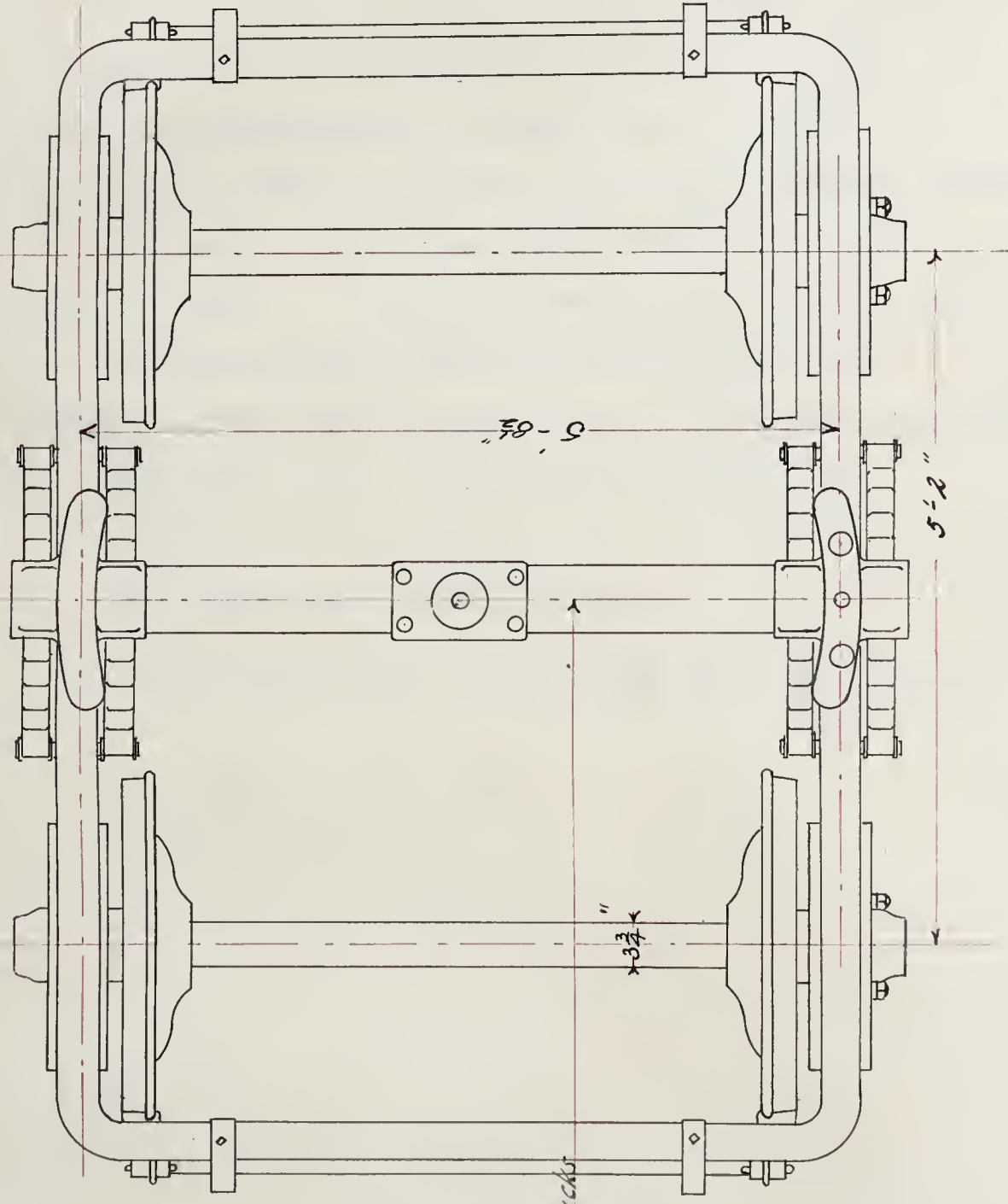
14' centre of trucks

TWO TRUCKS PER CAR

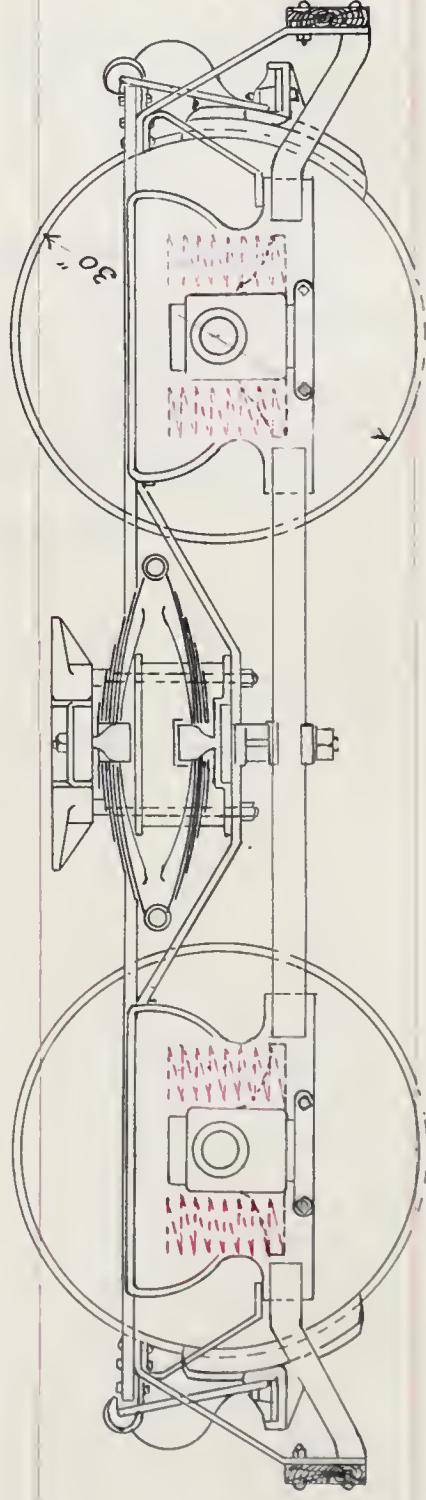
TRUCKS IN USE BY  
WEST END ST. RY. CO.  
SEPT. 1. 1897  
TAYLOR SWIVEL TRUCK  
SCALE 3/4" = 1 FOOT







2 OF THIS PER CAR



TRUCKS IN USE BY  
WEST END ST. RY. CO.

SEPT. 11 1897

LACONIA STANDARD SWIVEL TRUCK

SCALE  $\frac{3}{4}$  IN. = 1 FT.





-:- DESCRIPTION OF 4 WHEEL SWIVEL TRUCK -:-

BEMIS TYPE #27A

Manufactured by the Bemis Car box Co. but improved by the Railway Company in some details.

Used on long box or open cars, such as 25 ft. box and 10 bench cars.

There are two trucks per car connected together by the brake mechanism. Each truck has a wheel base of 5' 3" and swivels on a center casting and pin at its center. The weight of the car is borne here.

The form of the truck is that of a low rectangular frame made by connecting the box jaw castings together by bars of flat iron. The frame carries the brake mechanism and in the center is suspended a swinging cross beam carrying spring pockets on which the bolster or center bearing beam rests above.

The motors are supported in part by a right tie beam attached to the frame of the truck. Chafing irons are carried on the swinging bolster.

Two motors are installed on one truck only. The Railway Company's standard brake shoes, wheels, axles, bearings, and fenders are used.

There are 293 trucks of this class.

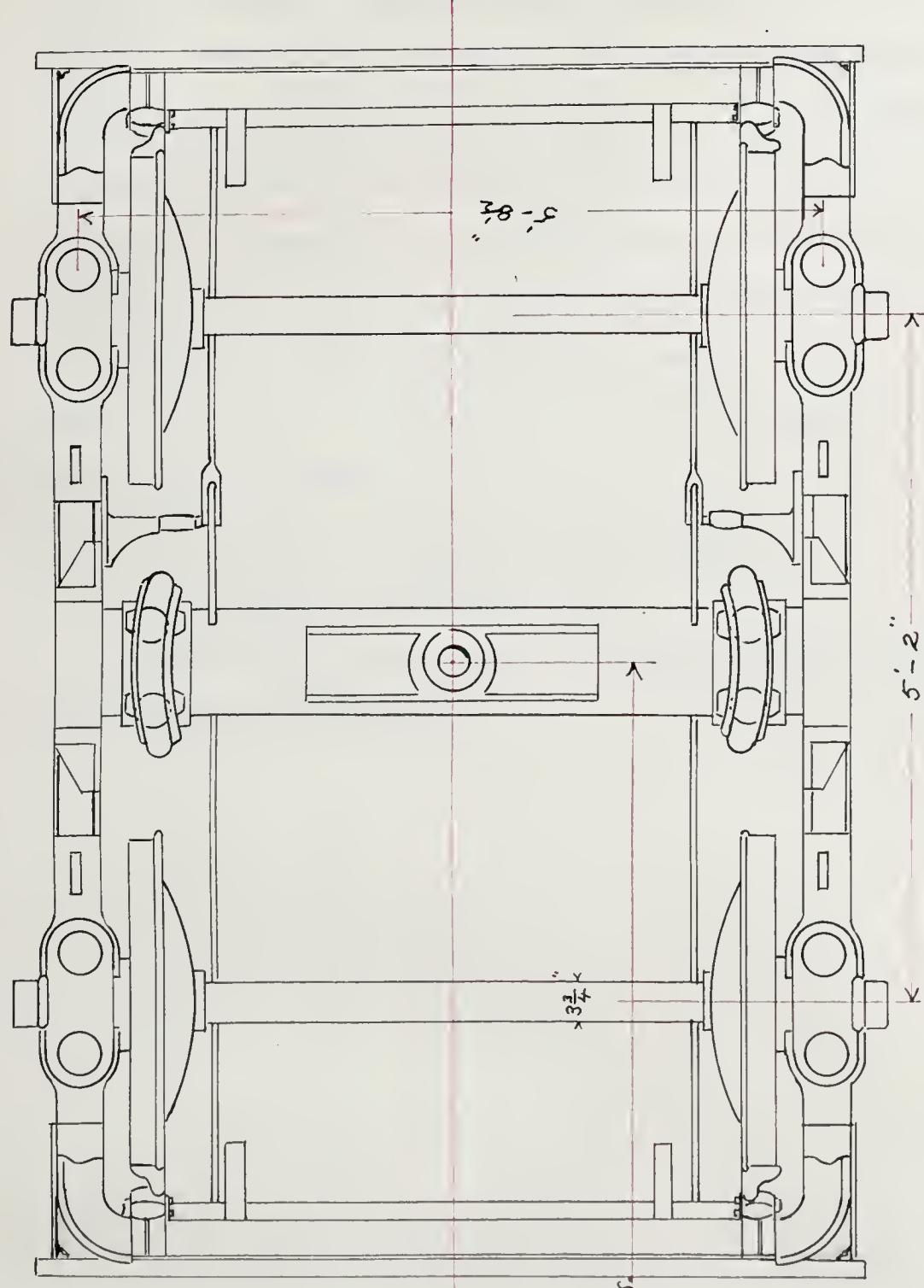
See drawing #9 on page #122.

These trucks were purchased during 1889, 1890 and 1891.

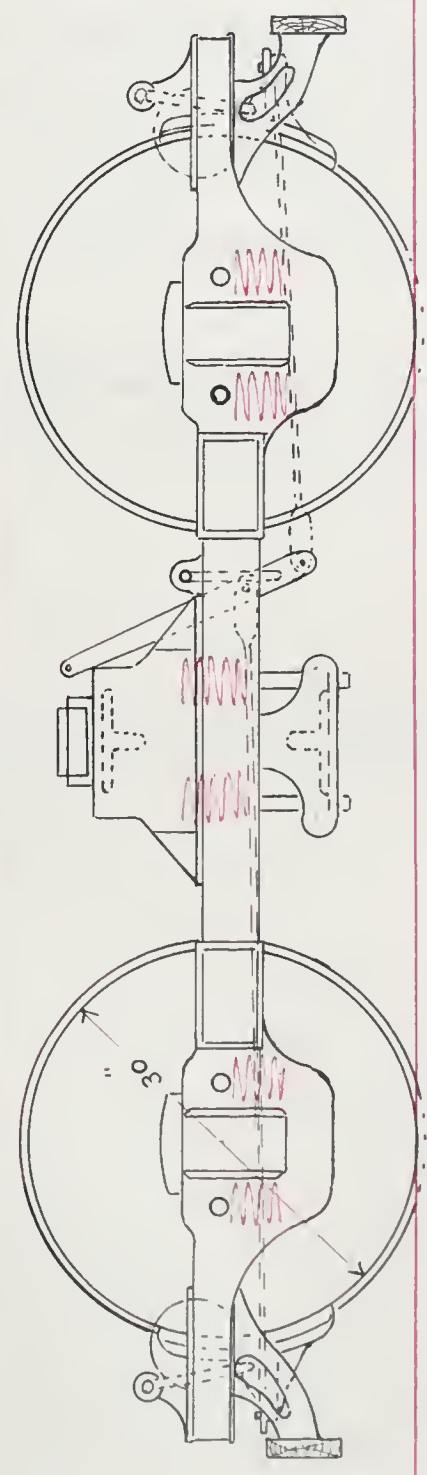


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14' centre of trucks



TWO TRUCKS PER CAR.

TRUCKS IN USE BY  
WEST END ST RY Co.  
SEPT 1-1897.  
BEMIS SWIVEL TRUCK  
NO 27-A.  
Scale 3/4" = 1 FT.





-:- DESCRIPTION OF 4 WHEEL SWIVEL TRUCK -:-

W. E. TYPE #3 AND #3A.

These were manufactured by the Railway Co. and the Laconia Car Works, and are used on box cars 25 ft. in length of body and over.

There are two trucks per car, each pivoted at its center and independent except that the brake mechanism connects both with the brake staffs on each end of the car. The form of the truck is that of a high square frame of flat bar iron on its edge placed outside the wheels with the tie bars inside the wheels, to which frame are attached the spring pockets, the box jaw castings, the brake mechanism, the motors and fenders. For the center king bolt or swivelling pin and for the sliding shoes or chafing iron on which the car weight is carried, there is a bridge of iron spanning the truck at its center and resting on springs contained in the spring pockets before mentioned.

One motor only is applied to each truck. The wheel base or center of axles is 4' 0". All the attachments are the Railway Company's Standard for this type of truck.

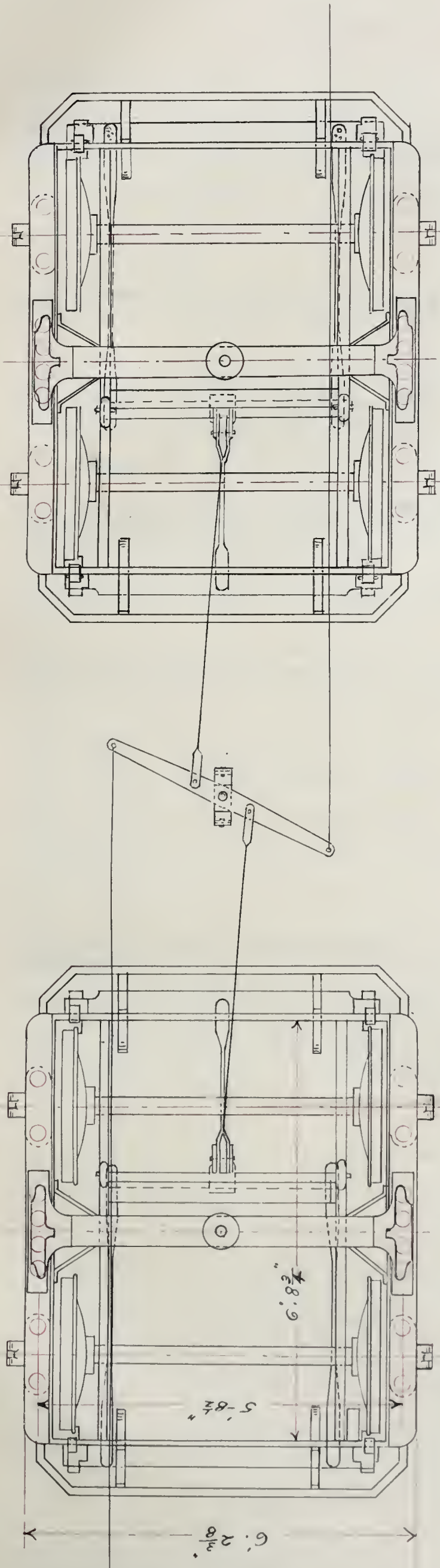
There are 479 trucks of this class.

See drawing #4 on page #124.

These trucks were built or purchased by the West End Street Railway Co. during 1895, 1896, and 1897.







Wheel Base 4'-0"

14'-0"



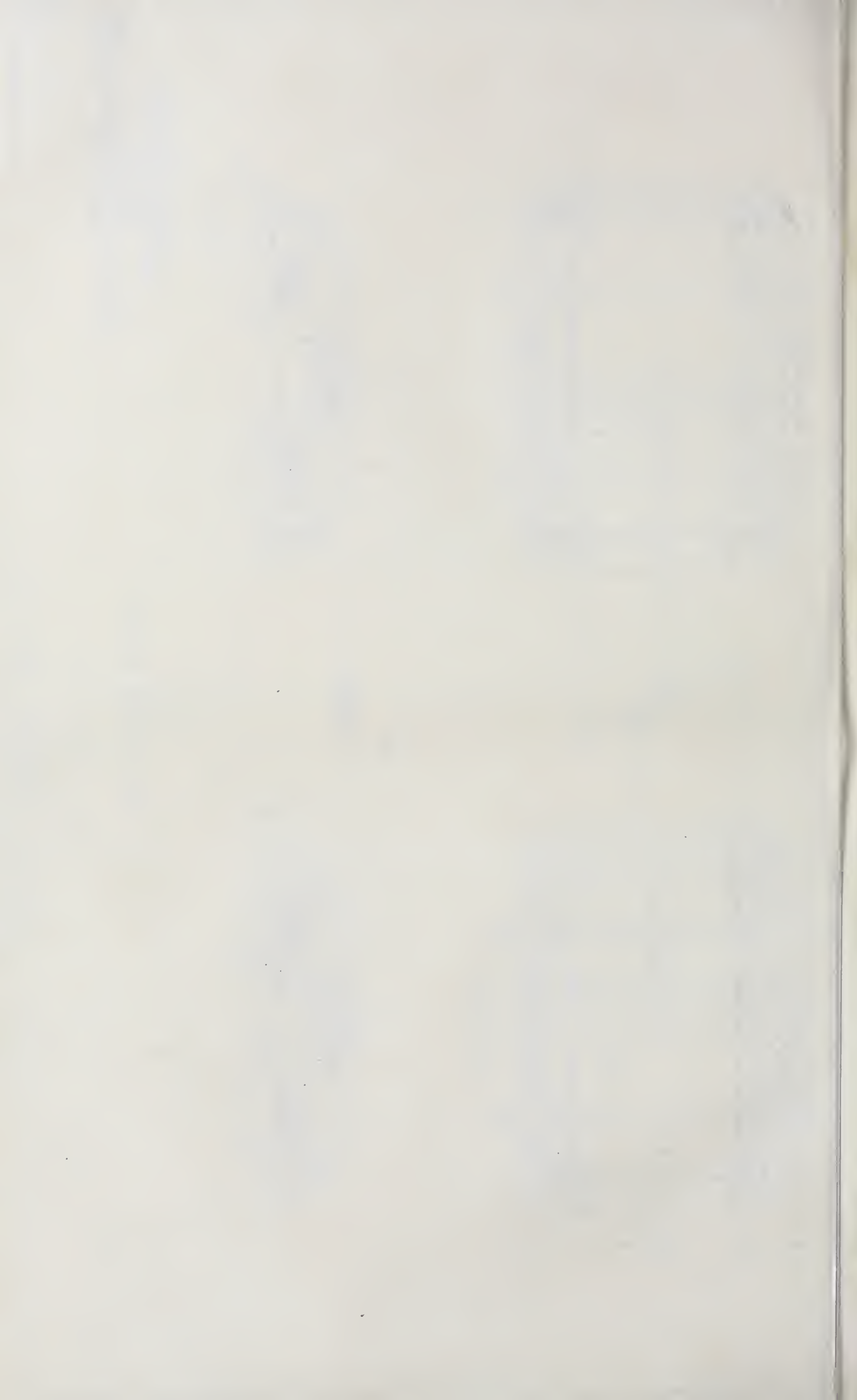
TRUCKS IN USE BY  
 WEST END ST. RY. CO.  
 SEPT. 1, 1897  
 BAKER SWIVEL TRUCK No 3A  
 SCALE  $\frac{1}{4}" = 1'-00"$

TWO TRUCKS PER CAR

SHEET NO 4.

M.H.M. July 1897





### DESCRIPTION OF THE W. P. 50 MOTOR.

These motors were the first single reduction motors used by the company.

These motors were manufactured by the General Electric Co., Schenectady, N. Y., and were purchased during 1892 and 1893.

As its name implies it is intended to be waterproof.

It is a slow speed bi-pole motor with a single field coil located in the upper frame casting.

The frame or shell of the motor consists of two parts, upper and lower, bolted together on the centre line.

The shape is that of a rectangular box with the corners rounded off. There is an opening in the frame for adjusting the brushes and removing them when worn out. The frame is so constructed as to completely enclose the armature, commutator, and fields and thus protect them from external injury.

The commutator carries two brushes.

The armature is of the laminated Gramme ring type wound with well insulated copper ribbon wire .040" x .340" laid in longitudinal slots cut in the circumference. This ramature is very large.

The armature core is a ring of laminated sheet iron bolted together and fastened to the steel shaft by means of a compo spider.

The gear and pinion are enclosed in a cast iron case which keeps them free from dirt and deadens the noise to a large extent.

The bearings are of bronze lubricated by a grease cup.

This motor is suspended from axle bearings on one side and by a nose plate fitted with rubber springs on the other side resting upon the truck.

With 500 volts and 35 amperes the speed of the armature is about 540 revolutions per minute; the speed of the car axle about 115 revolutions per minute which corresponds to a car speed of 10.4 miles per hour.

The horse power of the motor at this speed is about 23.

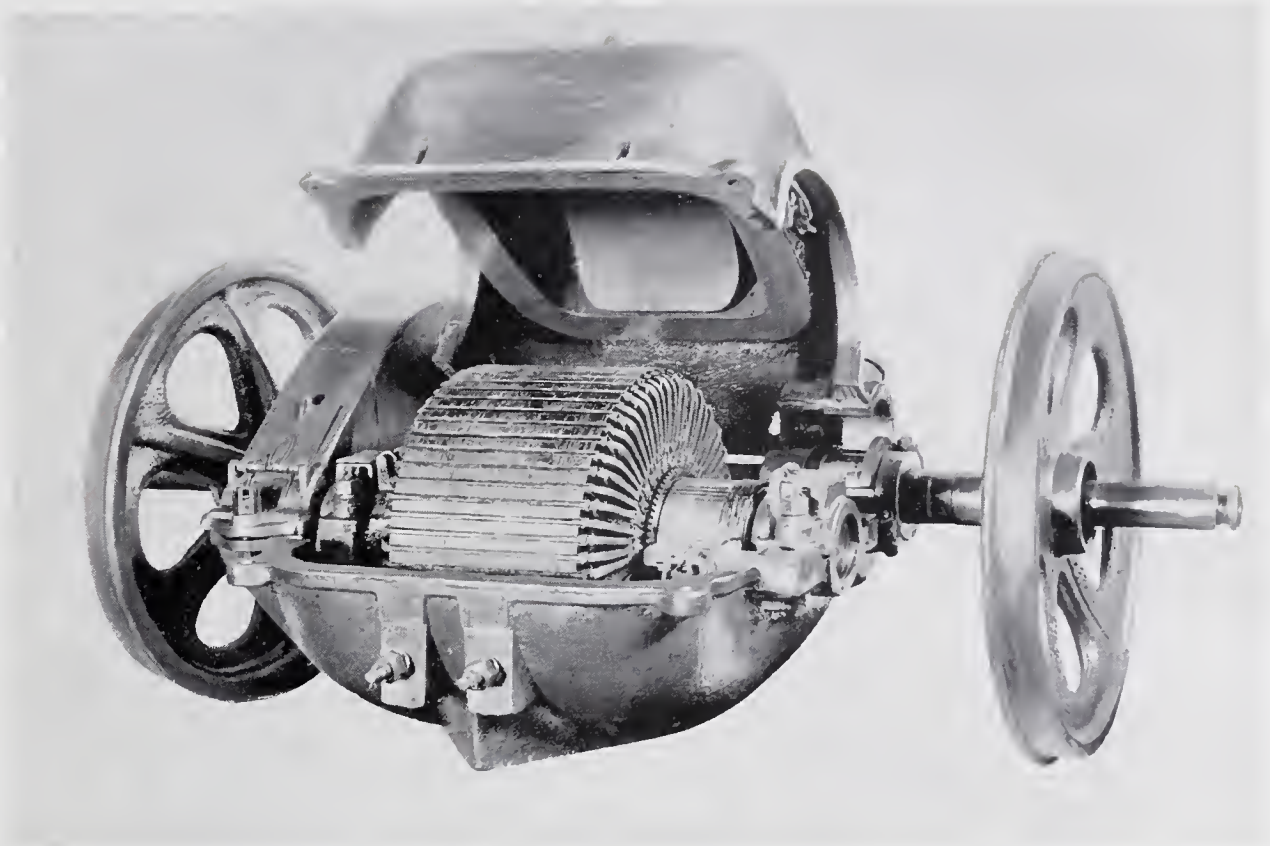
This motor has capacity enough to run a nine bench open car with a single motor equipment.

See prints and plans on pages #126, #127 and #128.

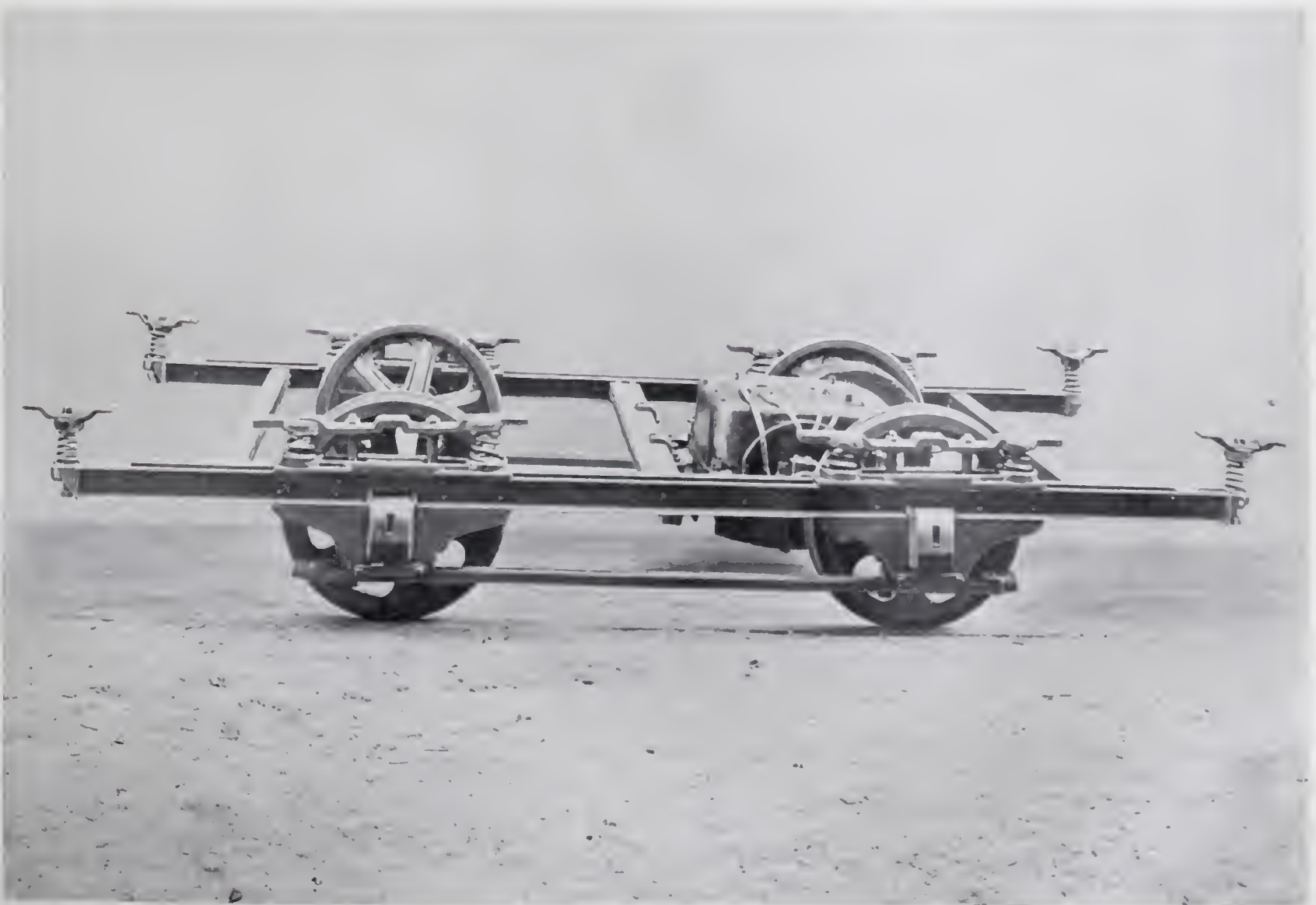
There are 1,489 of these motors in the car equipment account; 139 on electric snow plows and 2 on the electric coal car.







THE W.P. 50-25 H.P. RAILWAY MOTOR.



W.P. 50 RAILWAY MOTOR ON TRUCK.



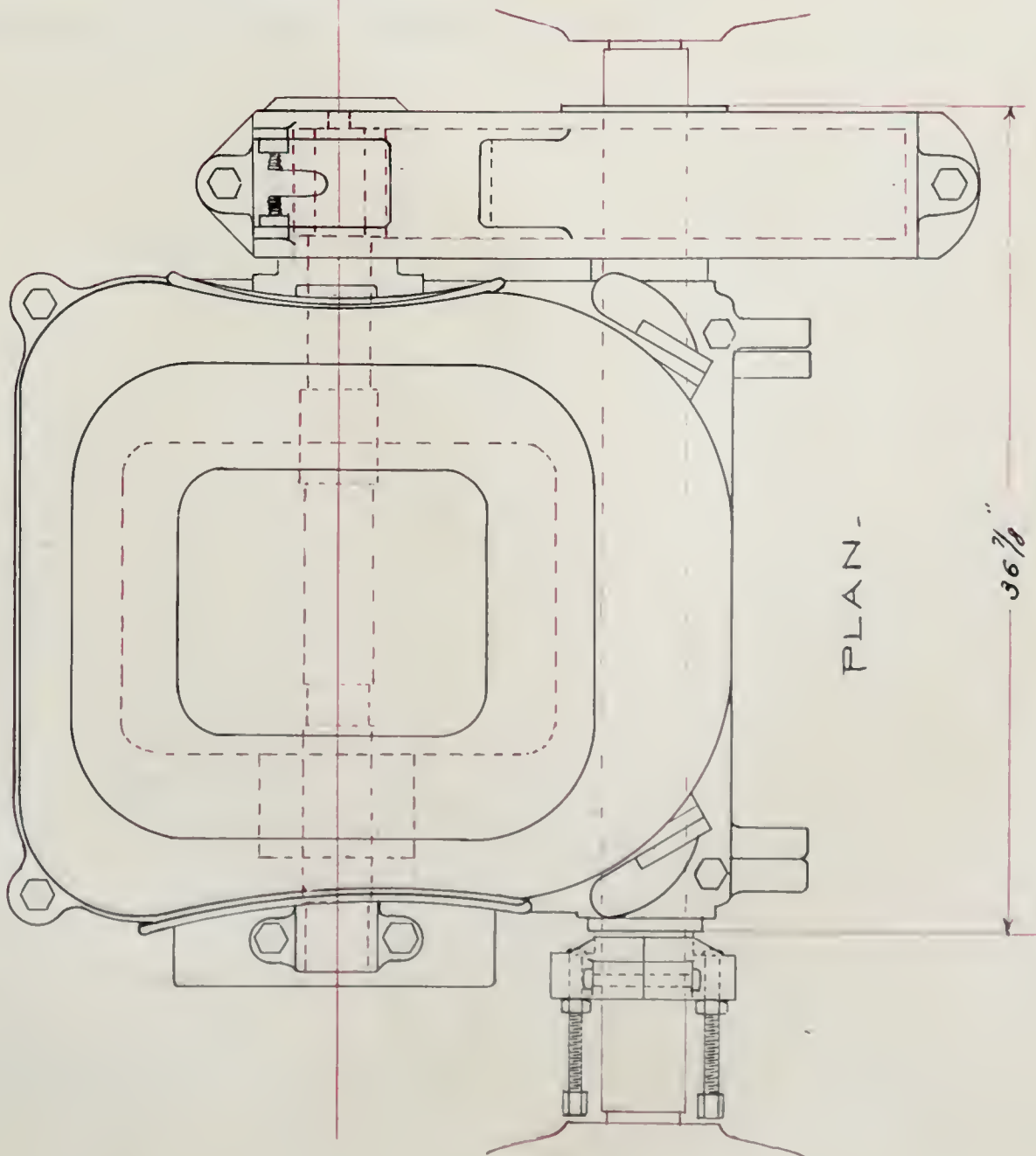
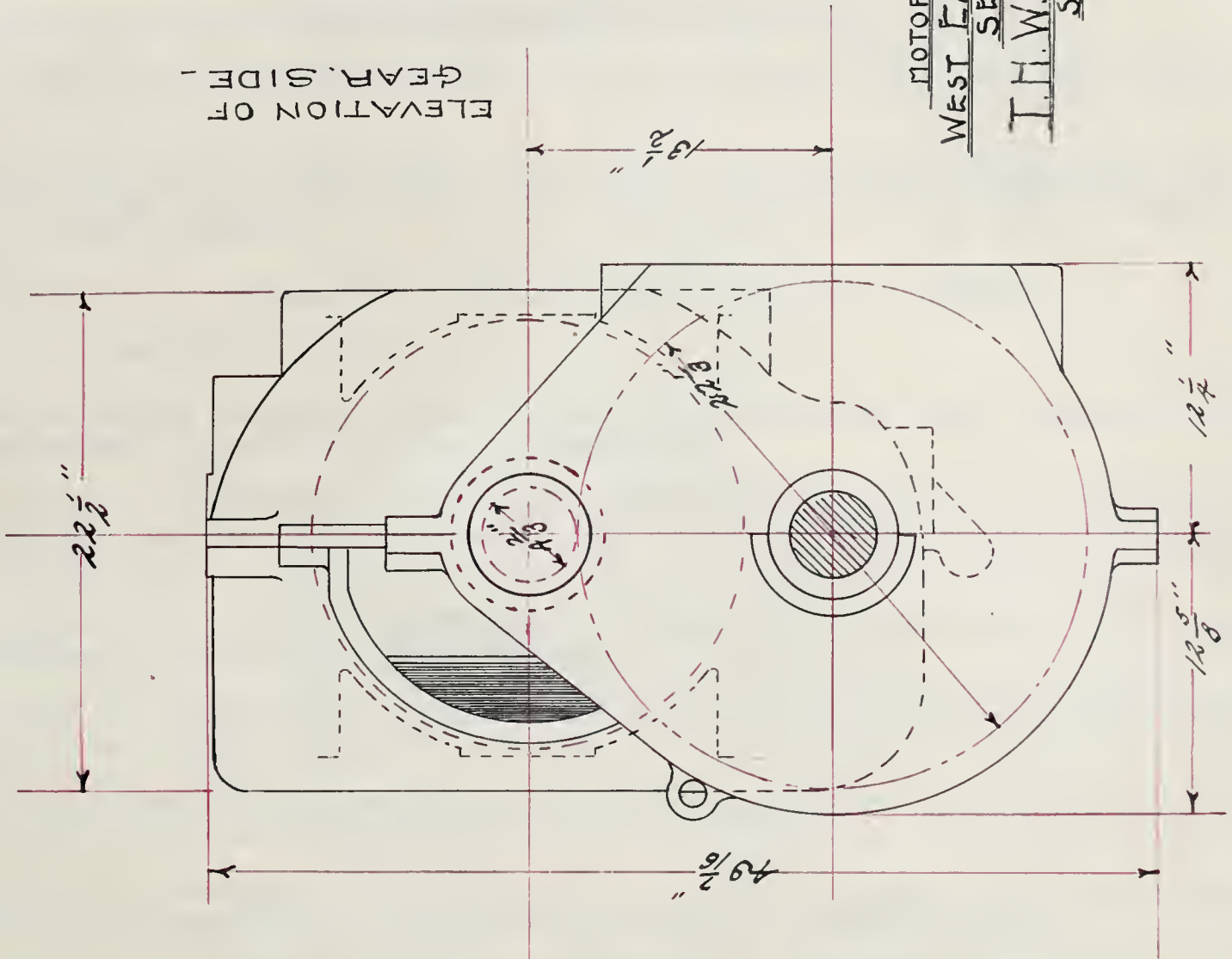








MOTORS IN USE BY  
 WEST END ST. RY. CO.  
 SEPT. 1. 1897  
 J.H.W.P. 50 MOTOR  
 SCALE 1 1/2" = 1 FT.





DESCRIPTION OF THE G. E. 800 MOTOR.

These motors were manufactured by the General Electric Co., Schenectady, N. Y., and were purchased during 1895 and 1896.

The water and dust proof features are carefully looked after.

It is a four pole motor with two field coils; one in upper part of frame and one in lower.

The frame consists of two parts, upper and lower, connected by a hinge bolt. An opening in the upper part covered by a spring lid, making a tight joint, allows easy access to the commutator.

The shape is that of a rectangular box with corners slightly rounded.

The commutator carries two brushes.

The armature is of the laminated drum type wound with machine made insulated coils laid in longitudinal slots cut in the circumference.

The armature core is composed of thin sheet iron discs held together by pressure of thrust plates upon the shaft, and ventilated by means of holes extending longitudinally through it.

The gear and pinion are enclosed in a cast iron case which keeps them free from dirt, and deadens the noise to a large extent.

The bearings are of bronze; the armature bearing is lubricated from a grease cup; the axle bearing by a self oiling felt feeder.

This motor is suspended by two wrought iron bars connected to the bottom half of frame with springs upon the truck connection.

With 500 volts and 35 amperes the speed of the car axle is about 111 revolutions per minute which corresponds to a car speed of about 10 miles an hour.

This motor has not capacity enough for a 9 bench open car single equipment.

See prints and plans on pages #130 and #131.

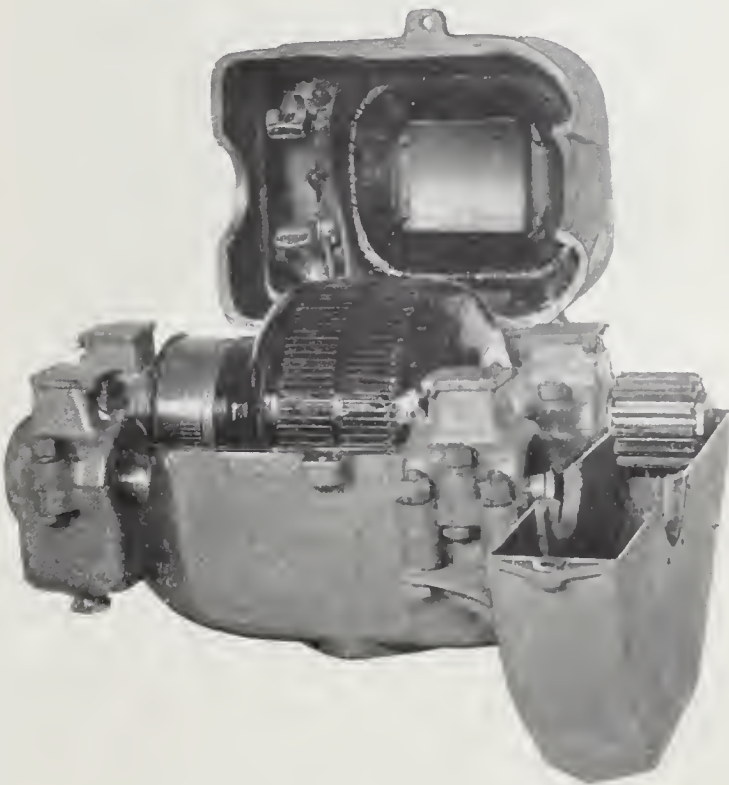
There are 519 of these motors in the car equipment account.







THE GE-800 RAILWAY MOTOR--FORM B FRAME.

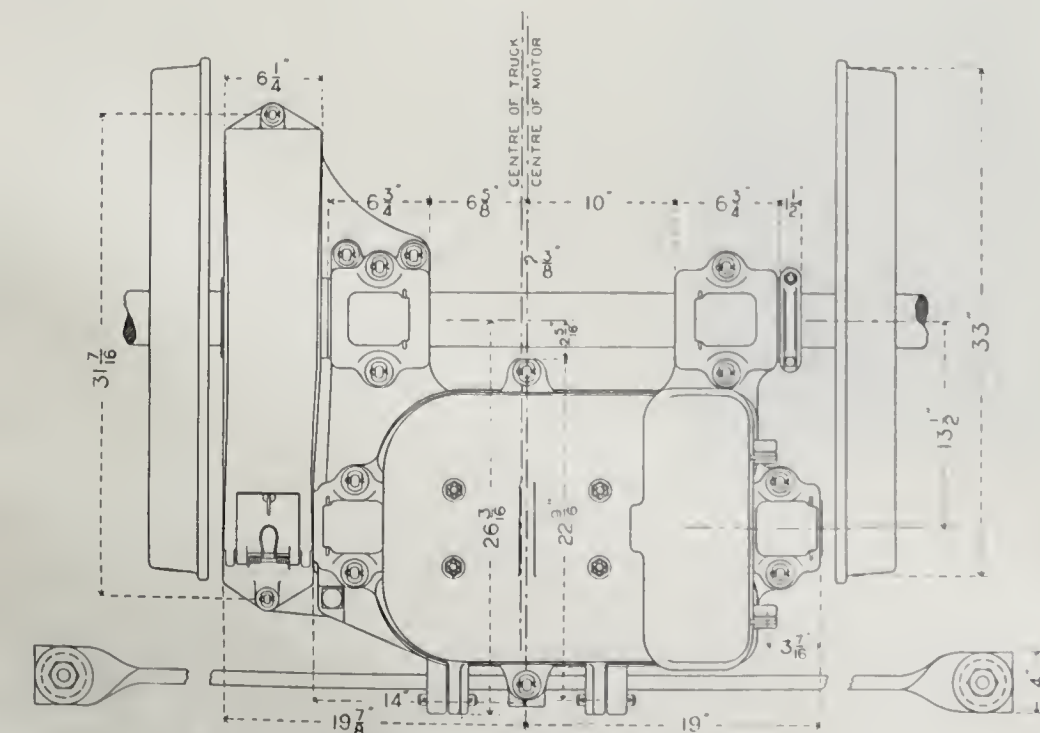
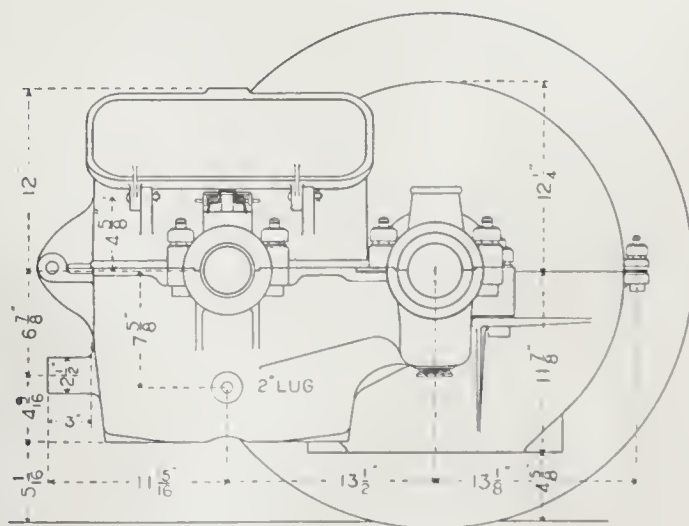
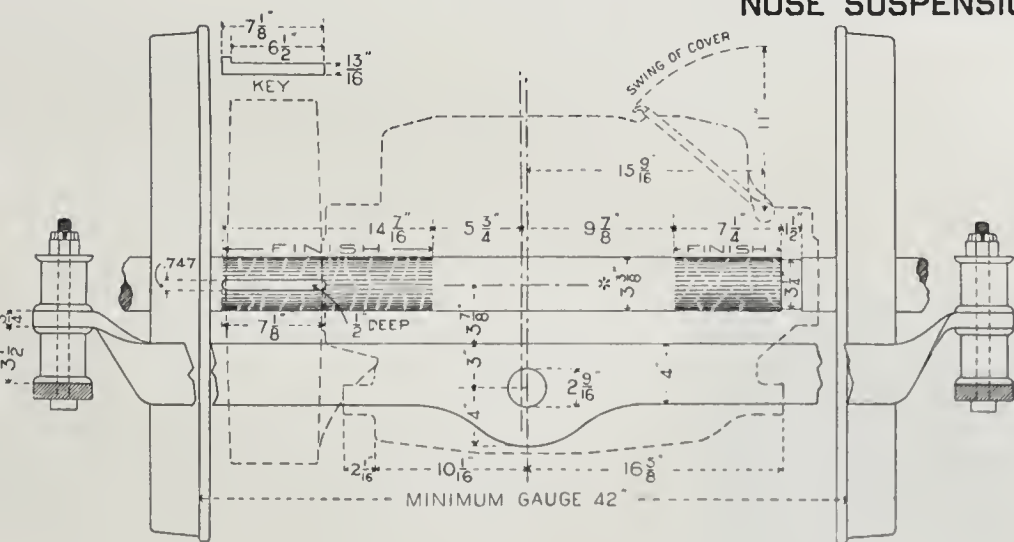


GE-800 RAILWAY MOTOR--FORM B FRAME.

The general appearance of the motor is shown in the accompanying illustration.

# GENERAL ELECTRIC 800 MOTOR

## NOSE SUSPENSION



\* Motor is prepared for  $3\frac{3}{4}$ " axle on special order. Axle preparation is the same except diameter =  $3\frac{3}{4}$ " Collar groove =  $3\frac{5}{8}$ ".

Journals to fit bearings specified. Locate motor by center line of axle. Dimensions are same for trucks of wider gauge. Diameter of finished portions of axle must not be over ~~100~~ smaller nor ~~100~~ greater than specified. Location of keyway must be exact within ~~10~~. Wheelbase for two motors cannot be less than 56.

WEIGHT OF UPPER FIELD.....	260
" " LOWER FIELD WITH BEARING CAPS.....	463
" " FIELD SPOOLS.....	128
" " ARMATURE AND PINION.....	635
TOTAL WEIGHT OF MOTOR.....	1525
WEIGHT OF AXLE GEAR, [IRON 205] STEEL.....	160
" " GEAR COVER.....	115
NUMBER OF TEETH IN GEAR.....	67
" " " " PINION.....	14
PITCH DIAMETER OF GEAR.....	22½
" " " " PINION.....	4¾
SPEED REDUCTION.....	4.78

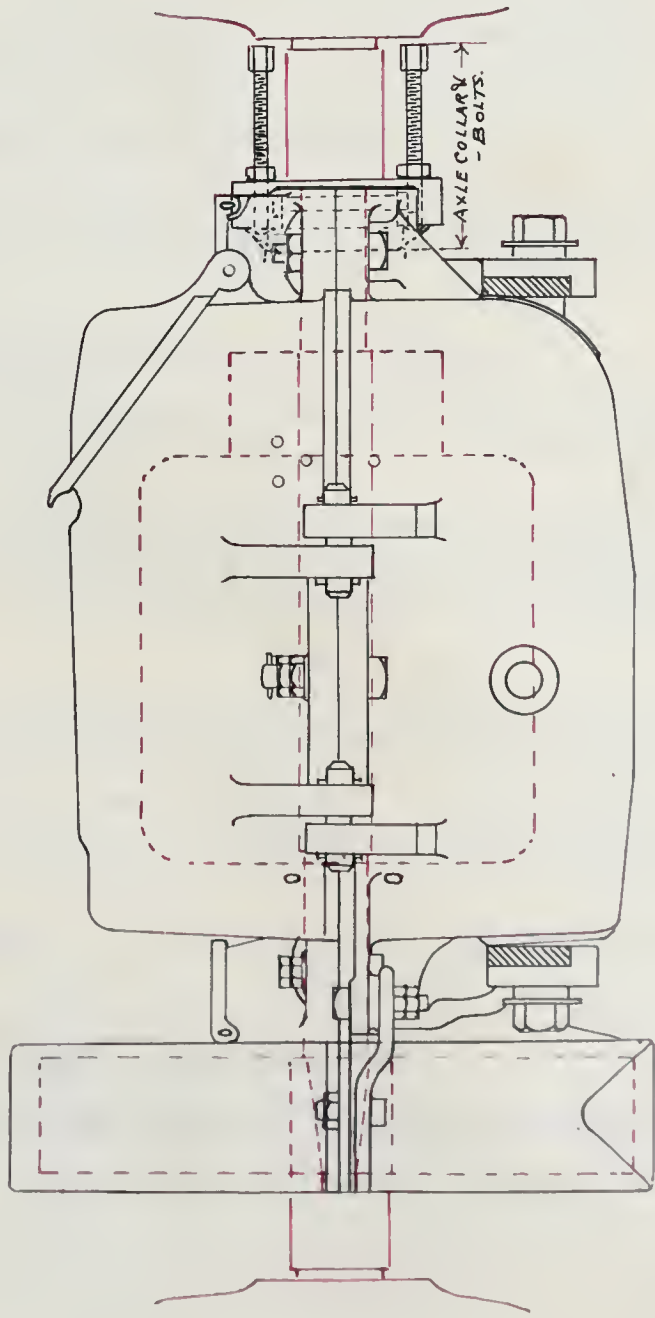
checked by John B Blood  
o.13169 Supersedes No. 3655

Engineering Dept  
General Electric Co.

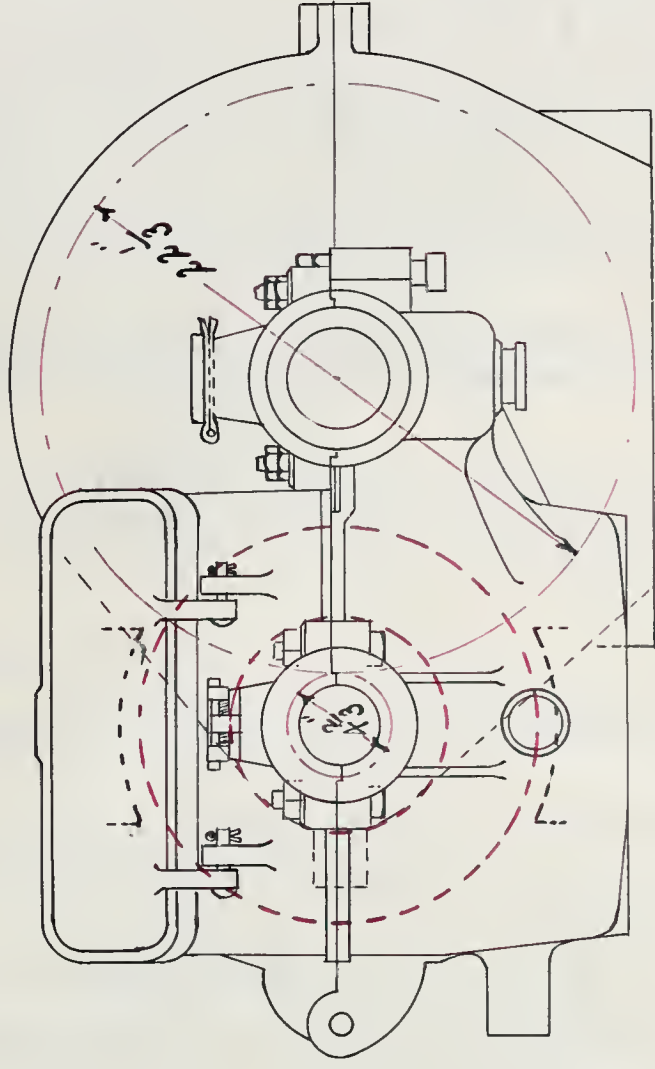
Approved by E. W. Rice  
Chief Engineer  
Jan. 14, '07







FRONT.



ELEVATION OF—  
— COMMUTATOR SIDE —

MOTORS IN USE BY  
WEST END ST. RY. CO.  
SEPT. 1, 1897  
G. E. 800 MOTOR  
SCALE 1 1/2" = 1 FT.



### DESCRIPTION OF THE WESTINGHOUSE #12 AND WESTINGHOUSE #12 A MOTORS.

These motors were manufactured by the Westinghouse Electric & Mfg. Co., Pittsburg, Pa., during 1894, 1895, and 1897.

It is a four pole motor with four field coils, two situated in the upper and two in the lower part of frame.

The frame consists of two parts, upper and lower, connected with a hinge bolt, so that the lower half can be swung down and permit cleaning and taking out the armature.

The shape is cylindrical with rectangular projections on the frame to hold the armature journal bearings. The frame completely encloses the armature, commutator and fields. There is an opening covered by a lid to allow access to the commutator and brushes.

A short eared commutator is used carrying two brushes.

The armature is of the laminated drum type wound with machine made insulated coils laid in longitudinal slots cut in the circumference.

The armature core is composed of thin discs bolted together and ventilated by means of holes extending longitudinally through it.

The gear and pinion are enclosed in a cast iron case which keeps them free from dirt and deadens the noise to a large extent.

The bearings are of bronze lubricated by a self oiling felt feeder.

These motors are suspended by two wrought iron bars fastened to the upper part of the frame by steel pins with springs upon the truck connection.

#### THE WESTINGHOUSE #12 MOTOR.

With 500 volts and 35 amperes the speed of the car axle is about 142 revolutions per minute which corresponds to a car speed of 12.6 miles per hour.

#### THE WESTINGHOUSE #12 A MOTOR.

With 500 volts and 35 amperes the speed of the car axle is about 140 revolutions per minute which corresponds to a car speed of 12.5 miles per hour.

The Westinghouse #12 and Westinghouse #12 A are essentially the same motor with slight differences. The Westinghouse #12 A has an opening in the top of the frame for access to commutator and brushes, while the Westinghouse #12 opening is on the side.

The large opening between the projection and the frame at the gear end is disadvantageous as regards the waterproof qualities of the Westinghouse #12.

The Westinghouse #12 motors have been changed. Longitudinal holes have been bored in the armature core to prevent flashing of brushes, and the wiring of the armature has been changed.

These motors have capacity enough to run a nine bench open car with a single motor equipment.

See prints and plans on pages #133, #134 and #135.

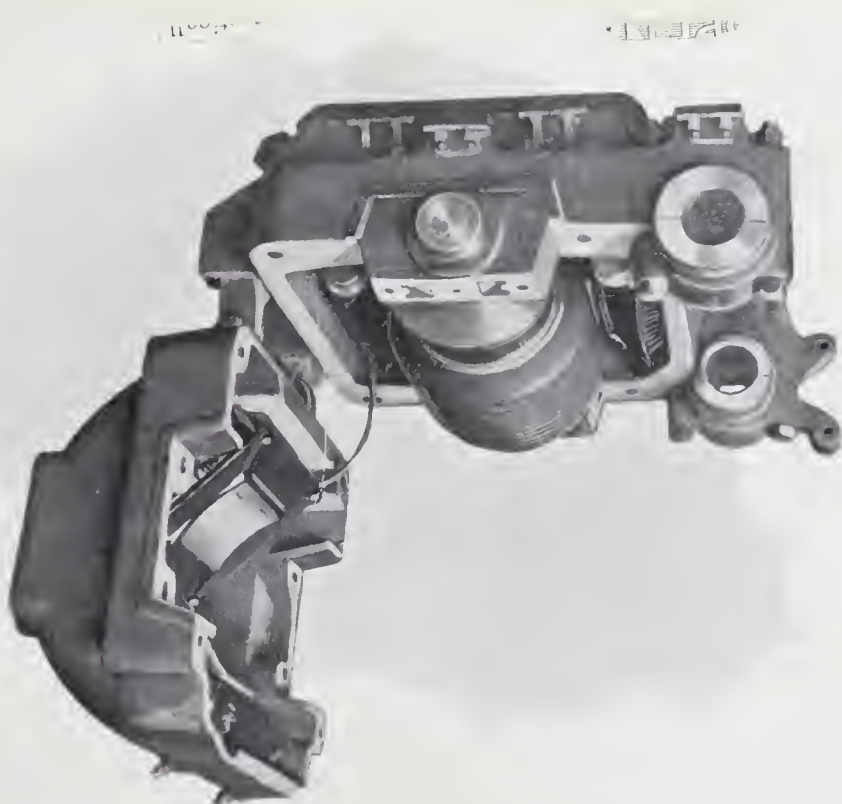
There are 420 of the #12 and 530 of the #12 A motors in the car equipment account.







SINGLE REDUCTION RAILWAY MOTOR.



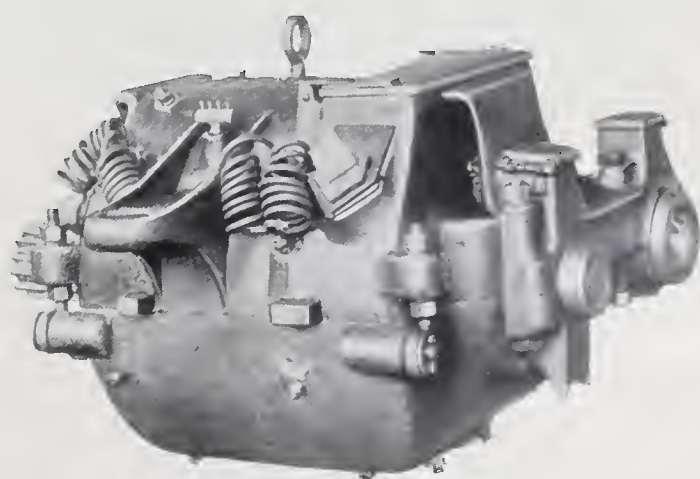
SINGLE REDUCTION RAILWAY MOTOR, OPEN, WITH ARMATURE  
IN UPPER FIELD.



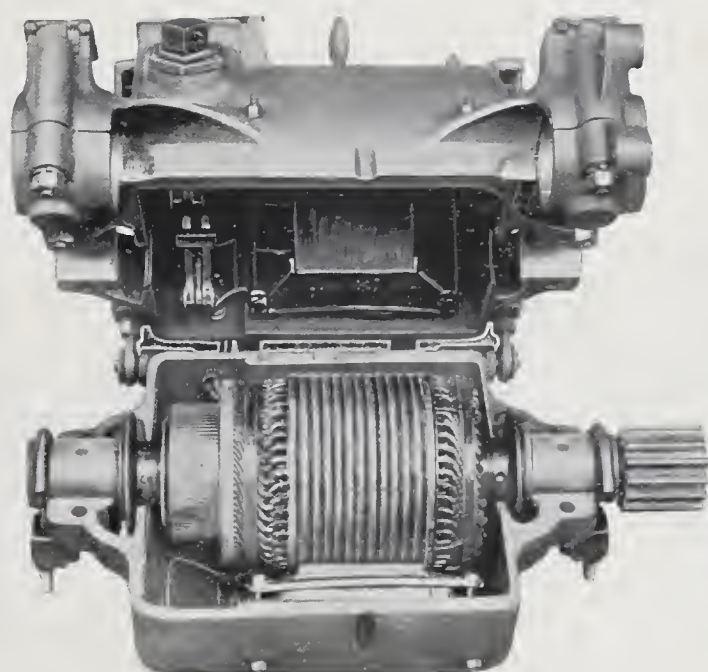
SINGLE REDUCTION RAILWAY MOTOR ARMATURE







NO. 12-A MOTOR READY FOR MOUNTING ON AXLE.

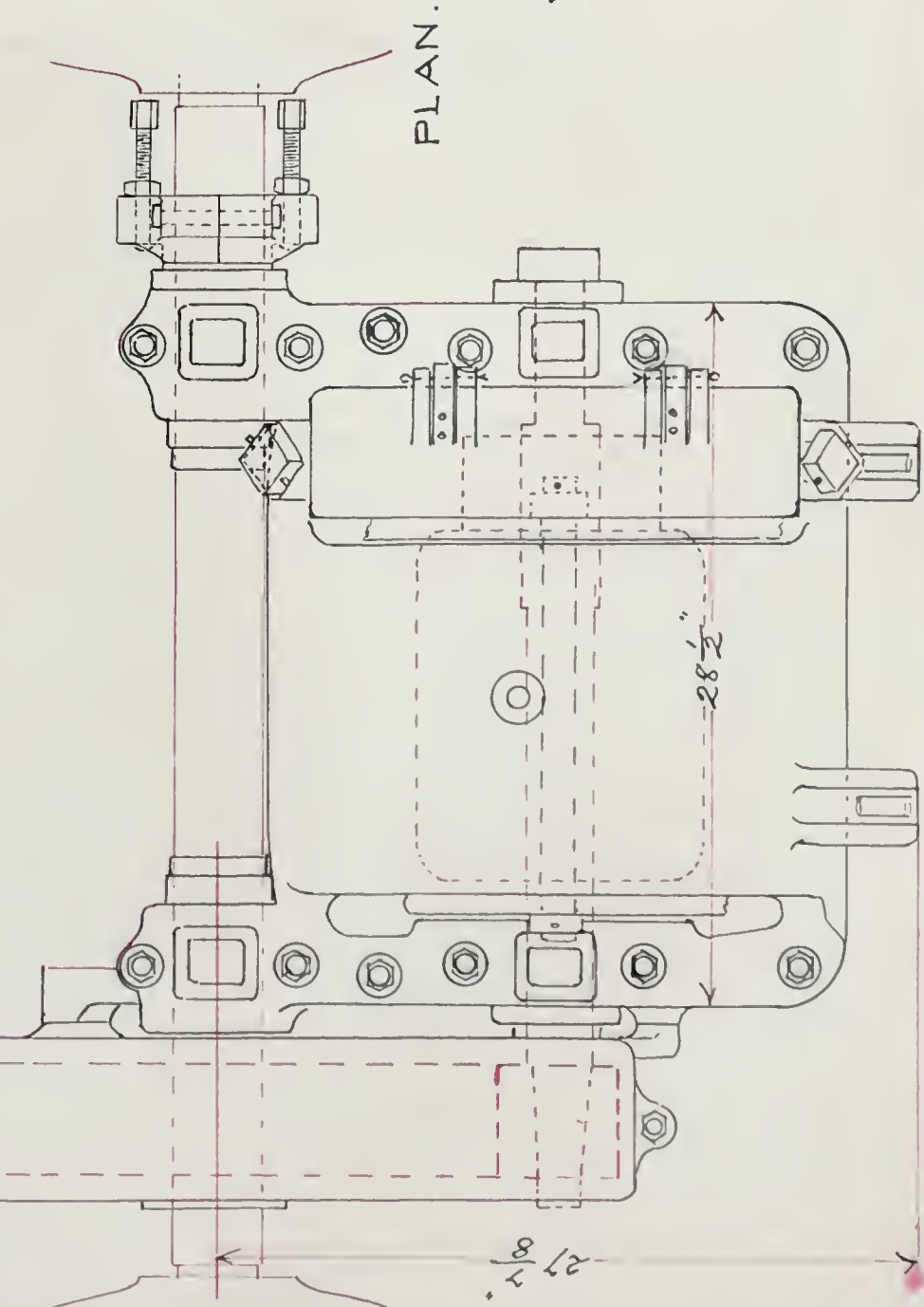
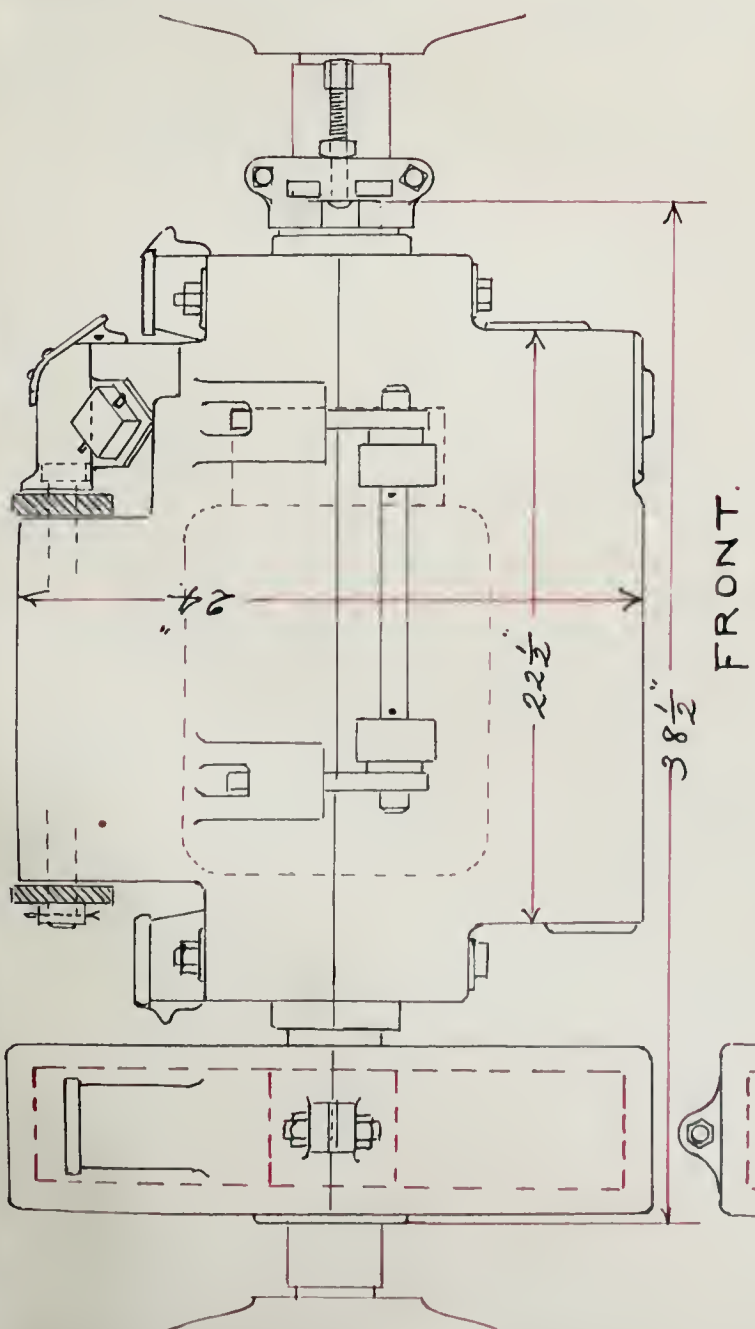


NO. 12-A MOTOR, LOWER FIELD DOWN, WITH ARMATURE.

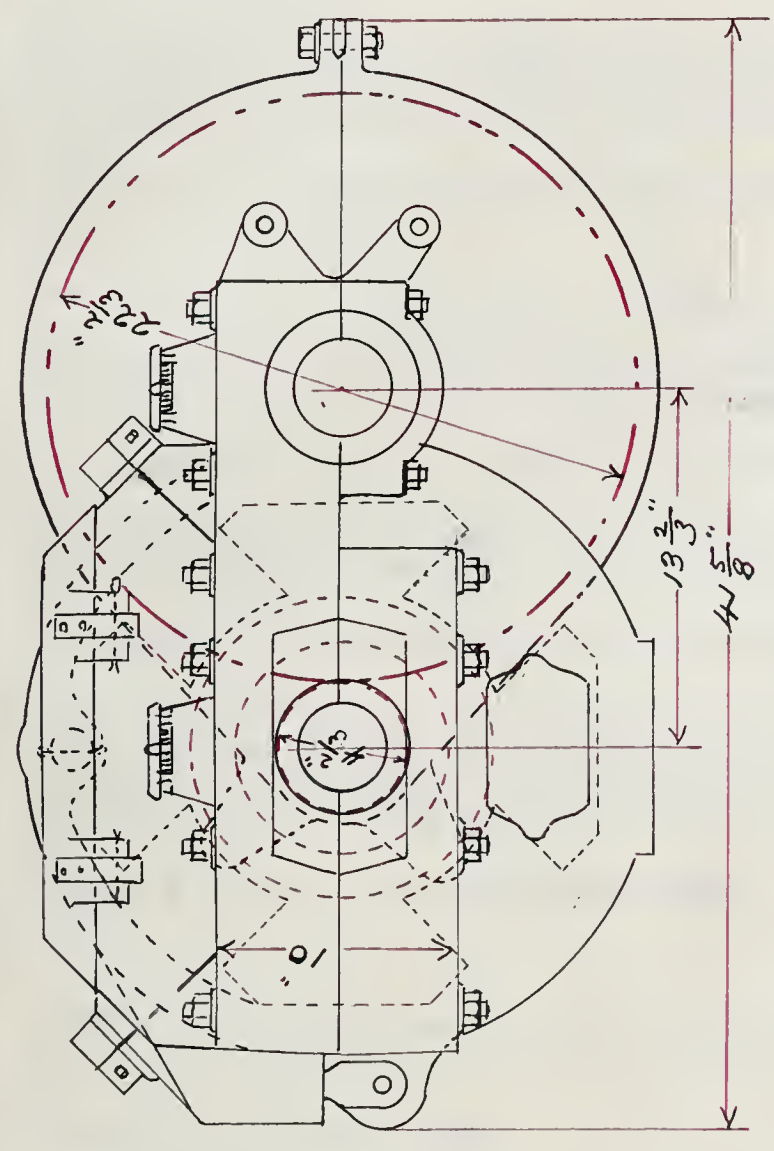


NO. 12-A MOTOR ARMATURE.





ELEVATION OF COMMUTATOR SIDE.



NOTE.

WESTINGHOUSE 12-A. MOTOR.

Similar to this one.

MOTORS IN USE BY  
WEST END ST. RY. CO.  
SEPT. 1. 1897.  
WESTINGHOUSE #12-MOTOR.  
SCALE  $1\frac{1}{2}$ " = 1 FT.





### DESCRIPTION OF WALKER MOTORS.

These motors were manufactured by the Walker Mfg. Co., Cleveland, Ohio, and were purchased during 1896.

It is a four pole motor with four field spools, two in upper and two in lower part of frame.

The frame consists of two parts, upper and lower. The lower part is hung from the upper by two eye bolts so that it can be easily unbolted and swung downward allowing room to reach the armature.

The shape is approximately cylindrical with side projections to carry the armature journal bearings.

The commutator carries two brushes.

The armature is of the laminated drum type wound with machine made coils laid in longitudinal slots cut in the circumference.

The armature core is composed of thin sheet iron discs.

The gear and pinion are enclosed in a cast iron case which keeps them free from dirt and deadens the noise to a large extent.

The bearings are of bronze lubricated from a grease cup.

This motor has a suspension which is peculiar to itself. In the other types part of the weight is carried directly by the car wheel axle, and part by a spring suspension, but this motor has springs on the axle bearing and upon the truck suspension. In other words the motor is entirely suspended upon springs.

This motor has not capacity enough for a nine bench open car single equipment.

NOTE: This motor has not been tested for speed.

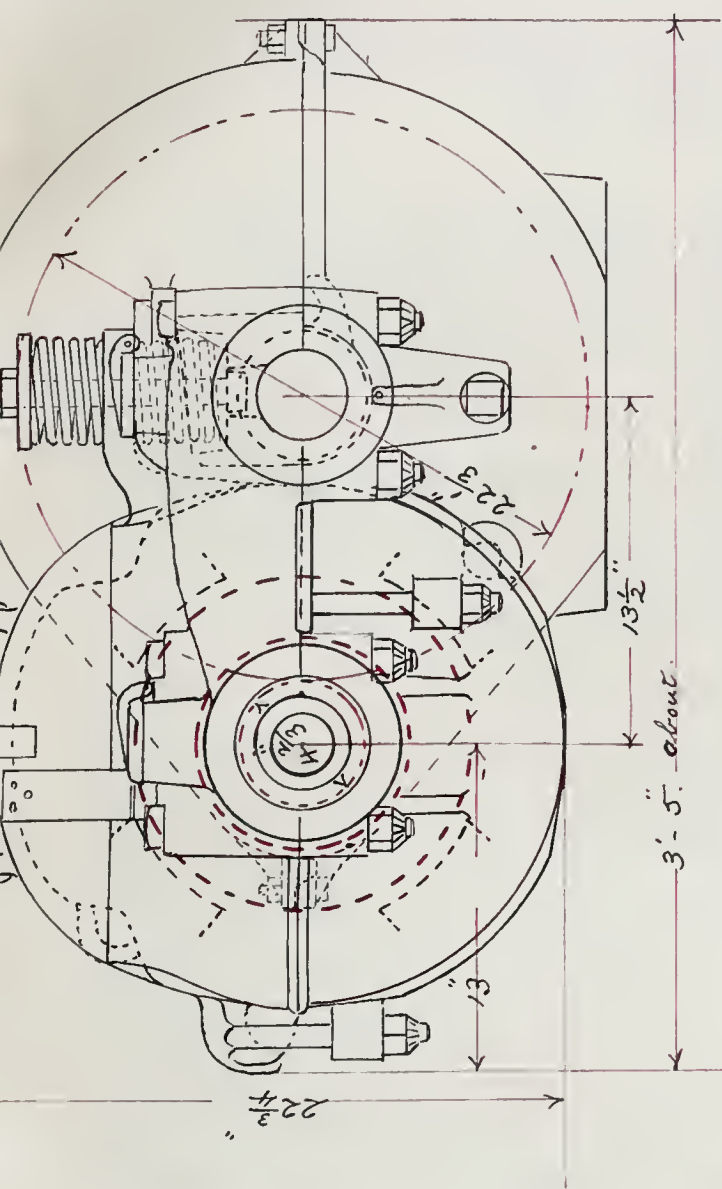
See plan on page #137.

There are twenty-two of these motors in the car equipment account.

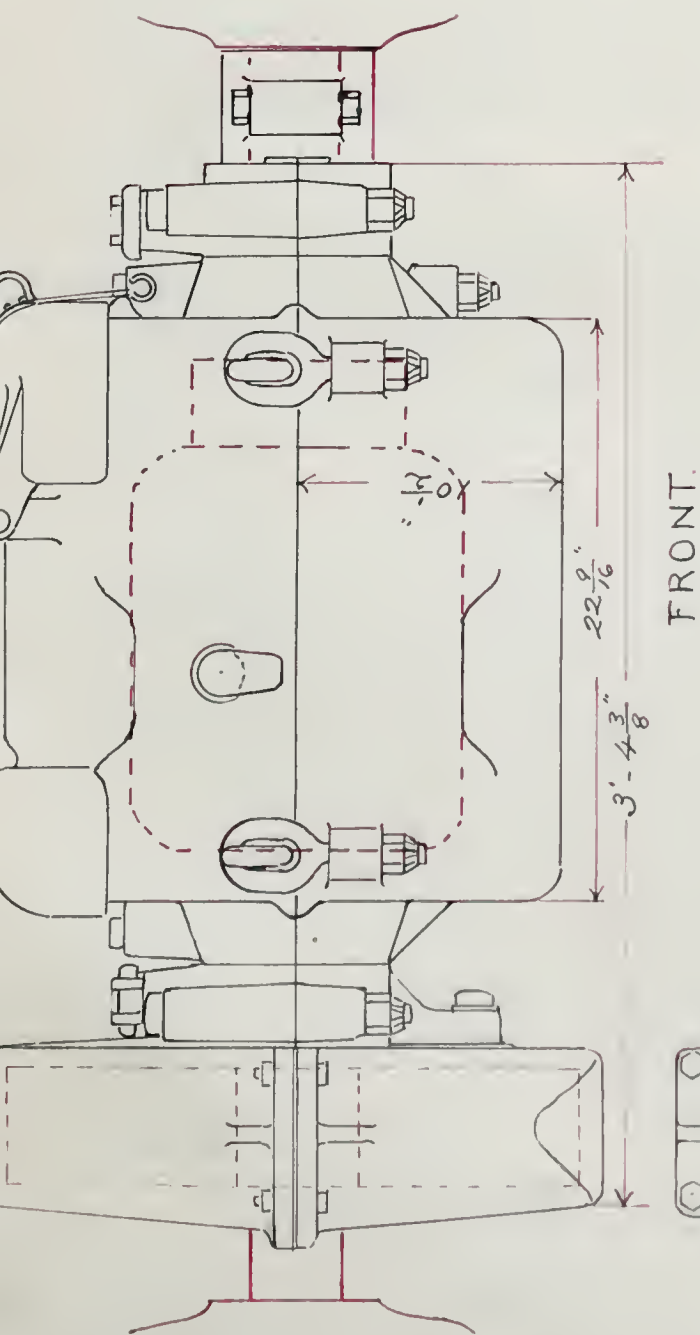




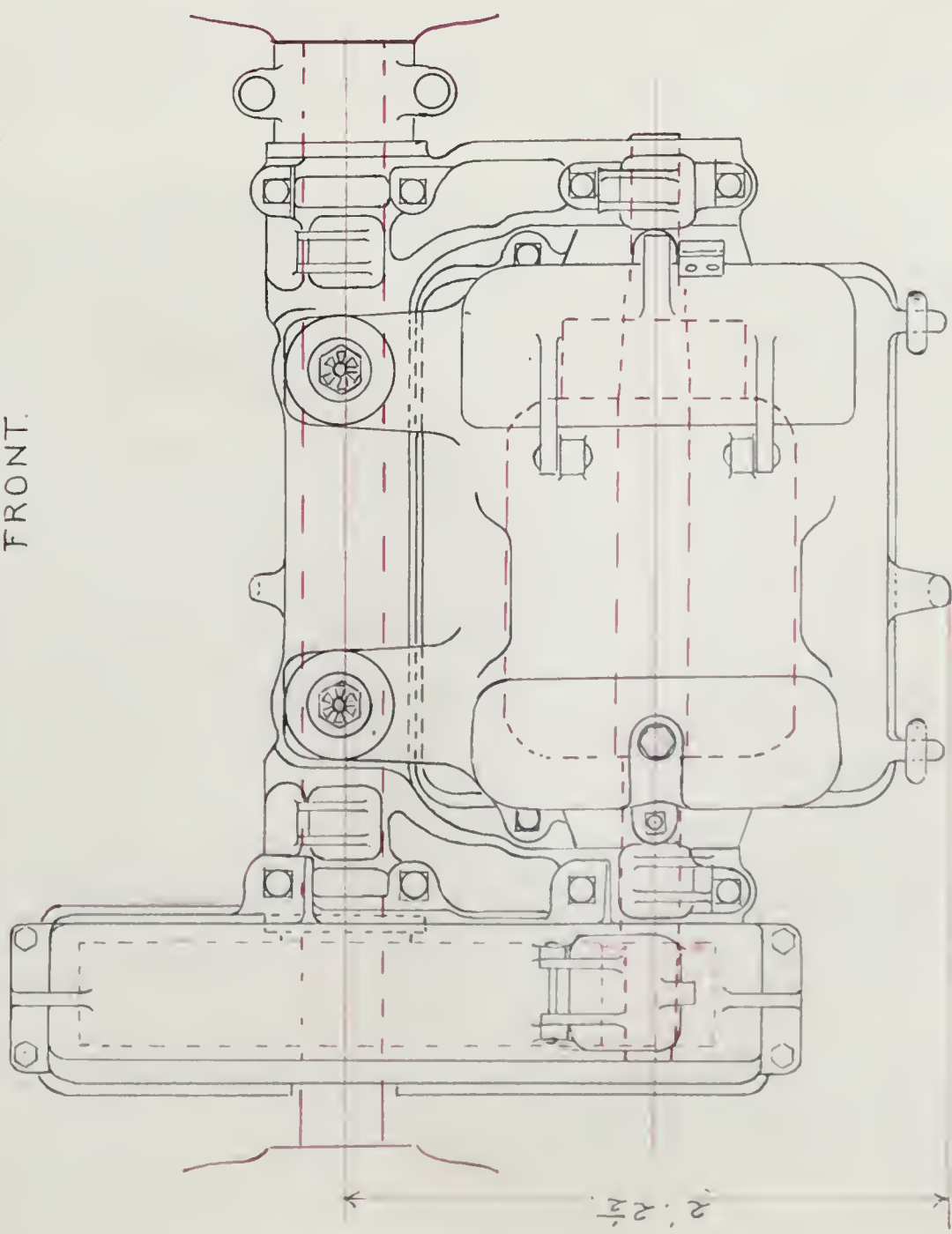
MOTORS IN USE BY  
WEST END ST RY Co.  
SEPT. 1-1897  
THE WALKER MOTOR.  
SCALE  $1\frac{1}{2}" = 1\text{ FT.}$



ELEVATION OF COMMUTATOR SIDE.



FRONT.



PLAN.



-:- DESCRIPTION OF SERIES - PARALLEL CONTROLLERS -:-

THERE WERE ON HAND SEPTEMBER 30th., 1897,

210 Of the series K. purchased during 1894 and  
945 Of the series K2. purchased during 1895, 1896, and 1897.

The series parallel controller is an apparatus made use of for the purpose of starting, stopping and regulating the speed of the electric cars in the most convenient and economical manner possible.

Those in use on the West End Street Railway Company's cars are of the magnetic blow out style manufactured by the General Electric Co. and known as the "K", "K 2" and "K 10" types. Two are generally used on each car, one being placed on each platform, and thereby the car can be operated from either end.

The controller is contained within a metal case about 35" high by 16 5/8" wide by about 7" thick which is firmly fastened to the dasher. The case contains a vertical cylinder of insulating material mounted so that it can be revolved through the arc of a circle by means of a handle on the outside. On the circumference of the cylinder are fastened a number of metal strips which make contact with metallic fingers when the cylinder is revolved. These fingers are connected by wires to the various parts of the motors, resistances, trolley circuit and "ground", and these connections are so made, and the metal strips are of such length, and so placed, that the various circuits are connected and broken in the proper order.

In order to destroy the arc which occurs whenever an electric current is broken, and which would thereby have a very destructive effect upon the various contacts, electro magnets are provided which "blow out", as it is technically called, the electric arc as soon as it is formed, and thus prevents it from doing any damage. The magnets are energized by the current that is being broken and their strength is proportional to the strength of the current to be broken.

The various connections, which are indicated by notches on the top of the case over which a pointer attached to the handle passes, are as follows:

The first connects the motors, in series, through all the resistance and thus cuts down the first rush of current which on account of the low resistance of the stationary armatures would be very great. As soon as the armatures begin to revolve, they generate an electromotive force which opposes that coming from the line and the counter electromotive force, so called, also tends to cut down the excessive current.

The next few notches cut out the resistance in blocks and allows the potential at the motor terminals to increase, and if these resistances are of the proper proportion the car gains speed smoothly and quickly.





After the resistances are all cut out of the circuit, a notch is reached upon which it is proper to run but the speed is slow as the two motors are still in series; that is, all the current passes through each motor in succession and each motor only gets one half of the potential available.

On some of the controllers the next notch, by making connections that shunts a part of the current around the field spools, still further increases the speed. The next few notches, first, shunts one of the motors, connects in part of the resistance coils again, and then connects the two motors in multiple or parallel but in series with this resistance.

This resistance is then cut out in blocks, as before, and then a notch is reached on which the car can be run with all the resistance cut out and the two motors in multiple. As mentioned before, in some controllers another notch provides means of shunting the fields which has the effect of increasing the speed.

When in multiple each motor receives the full potential of the circuit in place of one half, as in the other case, and the speed is proportionally greater.

In shutting off the power the cylinder is revolved in the opposite direction and the various steps are gone through in the reverse order.

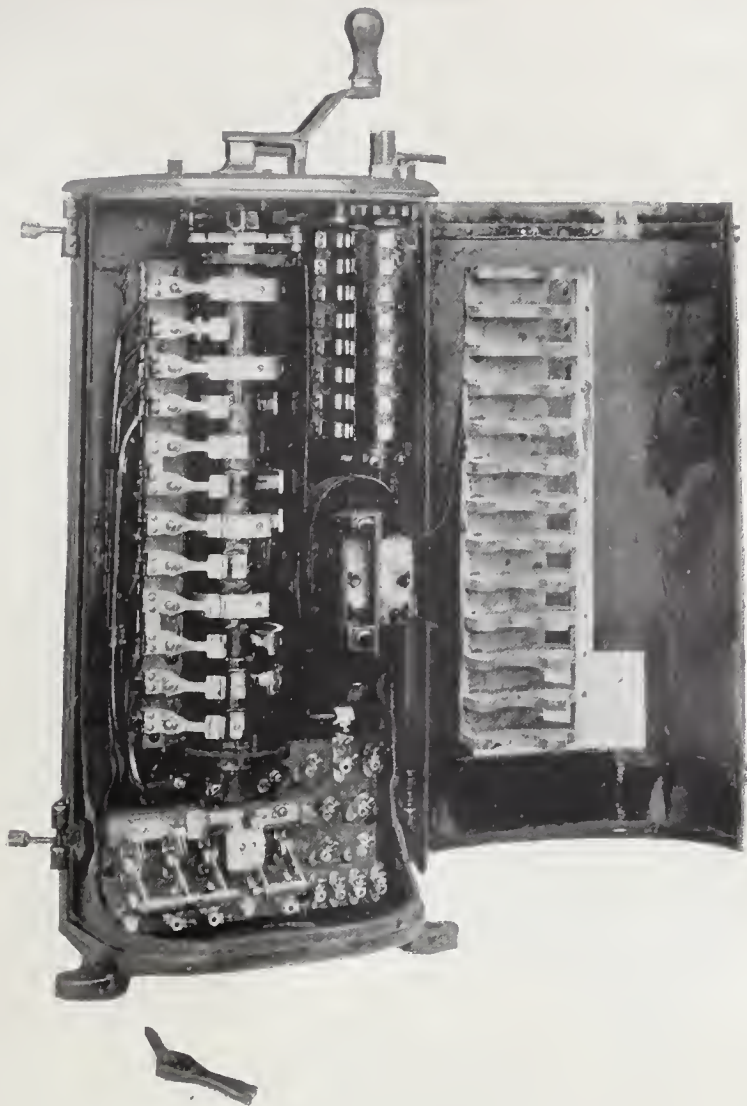
In order to reverse the car a second cylinder is provided which on being moved connects the leads to the two motors so that the armatures will revolve either in one direction or the other.

The two cylinders are so connected that the reversing cylinder can only be operated when the main cylinder is "off", and the main cylinder can only be moved when the reversing cylinder is in position to go either ahead or back. The handles on both cylinders are removable, and that on the reversing cylinder can only be removed when it is half way between its two main positions in which place it thus locks the main cylinder.

Switches are provided in the bottom, which by opening the cover of the controller can be operated so as to disconnect either motor in case of trouble. When the controller is used with only one motor the variation in speed is obtained entirely by the changes in resistance due to cutting out more or less, and then it acts the same as a resistance controller or rheostat.







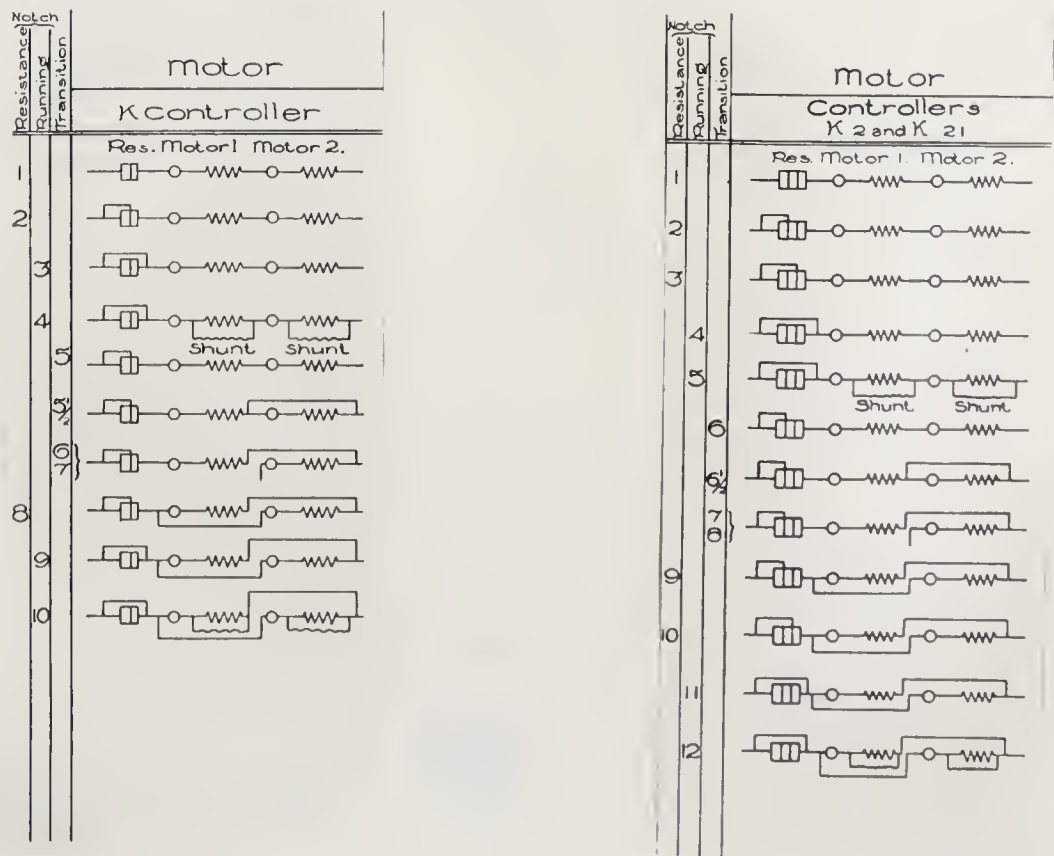
"K" TYPE OF SERIES PARALLEL CONTROLLER.

K CONTROLLER.

Designed for two 35 H.P. Motors.  
Two resistance points in series, one resistance point in parallel.  
Total number of notches, seven.  
Arranged for motors using loop or shunted field.

K2 CONTROLLER.

Designed for two 35 H.P. Motors. (For general use, supersedes the K Controller).  
Three resistance points in series, two resistance points in parallel.  
Total number of notches, nine.  
Arranged for motors using loop or shunted field.





WEST END STREET RAILWAY COMPANY

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INVENTORY SPARE ELECTRIC CAR EQUIPMENT PARTS - SEPTEMBER 30, 1897.

	A R M A T U R E S					S P O O L S					R H F O S T A T S		
	W.P. 50	WEST 12	WEST 12 A	G.F.800	WALKER	W.P. 50	WEST 12	WEST 12A	G.F.800	WALKER	TYPE 51	TYPE 83	
Grove Hall	17086		47260	28974		3	1		2		3149		
	15849										12815		
	11644												
	15626												
Forest Hills	14022												
	15971								4		8224		
	12163			27828							19661		
	8960			39164							19467		
Norfolk House	12946												
	14025					2					19317		
Bartlett St. C.H.	9955												
	14135					2					19608	11294	
	14517										19523		
Dorchester	15050										10532		
											19658		
											19617		
Lenox Street											13508		
	14041		47003	39162				2	2		3872		
				40928							19214		
Carried Forward											19786		
											19745		
											4236		
	18		3	5		12	1	2	8		19258	1	





	A R M A T U R E				S P O O L S				R H E O S T A T S			
	W . P . 50	WEST 12	WEST 12 A	G.F.800	WALKER	W.P. 50	WEST 12	WEST 12 A	G.F.800	WALKER	TYPE 51	TYPE 83
Brought Forward	18		3	5		12	1	2	8		18	1
Amory Street	14230 9509 14204			39118 39336		3			1		11101 19386	
Jamaica Plain				39151 39758	1			3	1			
Sewall Street	15830 8541 8363			39165 39266	1				1		4597 8218	
Park Street	8570 14268		46949 50466	39748 39129	1			4	3		12952	
Neponset			47144 46936 47073	33265				5	4		19760 19773	
East Boston		6930 7719					10				5285 17965 19673	11626
North Point	17088 15028 23396 17616 16289	13713	48810			3	2				2505	
Charlestown Neck	14191 17892	24745 20746	31665 47087			1	4	6				
Everett	14182 10583 13957	7792 7770	31702 48849 31605				2				105 12833	
Carried Forward	36	7	14	14		22	19	20	18		31	2





		A R M A T U R E S				S P O O T S				R H E O S T A T S		
	W.P. 50	WEST 12	WEST 12 A	G.F.800	WALKER	W.P. 50	WEST 12	WEST 12 A	G.F.800	WALKER	TYPE 51	TYPE 83
Brought Forward	36	7	14	14		22	19	20	18		31	2
Bunker Hill	8619 10554	20897 20647				1	2				6046 19681	
Salem Street		9809	46040 31545					10			10473	
Union Square										6	1207	
Murray Street	17634					1					4907 13645 3441	
Brookline Street	8529 8901										20086 10783 11223	
No. Cambridge	15462 10037					3					5111	
Baldwin Street	10532 10649		46106 46950 46305 48788	28968		4		3	2		19379 10204	
Mt. Auburn						1					12842 13653	
Summer Street	10393 8452 10425					2		2			5114 19755	
Arlington	10558 8998		46946 47096 47020			1					12973 8208 108	
Clarendon Hill	12582 14515 14143 12723	13485 8501 8262	31633 48813 46315			2	3					
Carried Forward	54	13	26	15		37	24	35	20	6	51	2



	A R M A T U R E S				S P O O L S				R H F O S T A T S			
	W.P. 50	WEST 12	WEST 12 A	G.E.800	WALKER	W.P. 50	WEST 12	WEST 12 A	G.E.800	WALKER	TYPE 51	TYPE 83
Brought Forward	54	13	26	15		37	24	35	20	6	51	2
Allston	15012 10838	7974 7879 13690				2		5			20	
Oak Square	9582 8536 14523	20745 7914	46396 47181 46991 46912		2	4					14233 19819 12800	11554
Reservoir	14511 10561 10575	13493 13478	46863 31554		3	3					9994 19224	
Central P. S.	10363 9399 17623 10634 16361 9217 9393 8520 15834 10741 14013 14161 10703 8132 12038 9219 10018 8272 15397 16357 9205 15401 8463 10959	13710 13715 13689 23910 7824 13464	31712 31551 47044 31600 31704 46294	33206 39147 39829 28960 32959 39842	742 773 764 737	7	15	2	3	11		
Carried Forward	86	26	38	21	4	51	46	42	23	17	57	3





	A R M A T U R E S					S P O O L S					R H E O S T A T S		
	W.P. 50	WEST 12	WEST 12 A	G.F.800	WALKER	W.P. 50	WEST 12	WEST 12 A	G.F.800	WALKER	TYPE 51	TYPE 83	
Brought Forward	86	26	38	21	4	51	46	42	23	17	57	3	
Central P. S.	9381 8438 10208 11864 14184 8995 13480 18131 13385 16287 14223 8432 8947												
NET TOTAL	99	26	38	21	4	51	46	42	23	17	57	3	

\*\*\* S U M M A R Y \*\*\*

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99 W.P. 50 Armatures  
26 Westinghouse #12 Armatures  
38 " #12 A "  
21 G. F. 800 Armatures  
4 Walker Armatures  
51 W.P. 50 Spools  
46 Westinghouse #12 Spools  
42 " #12 A "  
23 G.F. 800 Spools  
17 Walker Spools  
57 Type 51 Rheostats  
3 Type 83 "





-:- HORSE CARS -:-

There are on hand at the date of this inventory two hundred and twelve Box Horse Cars and seventy-six Open Horse Cars. Of this number, however, the company has use for only seventeen box cars and five open cars, and this number are in fair condition only, they being over ten years old.

The balance of these cars are in a very poor condition and have only a small nominal value.

Of the box cars

49 Have 5 windows on each side  
 36 Have 6 windows on each side  
 23 Have 7 windows on each side  
 104 Have 8 windows on each side

211 Have bodies 16 feet long  
 1 Has body 12 feet long

Of the open cars

24 Have 7 benches each  
 52 Have 8 benches each

Photographs on pages #149 and #150 give an idea of what the best of these cars are like.



-:- INVENTORY OF 212 BOX HORSE CARS ON HAND SEPTEMBER 30th., 1897. -:-

---

NUMBERED AS FOLLOWS:

6	361	419	549	734	955	1008	1285
14	364	447	552	737	969	1009	1351
18	365	449	553	741	973	1035	1355
32	366	450	554	744	977	1037	1358
33	367	451	555	747	978	1152	1369
34	368	454	562	748	979	1159	1373
54	370	457	570	749	980	1184	1374
56	371	459	580	767	981	1205	1375
57	373	462	581	769	982	1227	1376
58	375	463	582	771	987	1234	1393
68	376	464	584	773	989	1239	1394
70	377	466	586	832	990	1240	1395
71	378	467	588	835	992	1241	1424
73	380	468	589	838	994	1245	1428
77	386	469	616	839	995	1264	1429
85	387	470	701	840	996	1266	1434
132	389	472	707	843	997	1268	1441
133	390	474	719	846	998	1269	1481
171	392	475	720	848	999	1270	1491
179	393	479	721	849	1000	1271	1492
184	394	529	722	852	1001	1273	1496
185	396	536	726	853	1002	1277	1497
234	399	538	727	854	1003	1281	1498
244	400	539	728	932	1004	1282	1499
352	404	542	729	950	1005	1283	1521
354	407	544	730	954	1006	1284	1526
360	414	547	731				





-:- INVENTORY OF 76 OPEN HORSE CARS ON HAND SEPTEMBER 30th., 1897. -:-

NUMBERED AS FOLLOWS:

166	815	849	2100	2177	2217	2528	2718
234	816	1682	2104	2178	2358	2606	2846
256	817	1700	2108	2179	2408	2657	2854
301	819	1826	2111	2195	2409	2660	2860
376	820	1836	2112	2196	2512	2661	2885
807	821	1843	2115	2199	2514	2692	2889
808	824	1847	2151	2200	2515	2707	2894
809	825	2005	2156	2201	2518	2715	3005
810	826	2094	2174	2210	2527	2717	3109
811	832	2098	2176				







Buller's













W E S T E N D S T R E E T R A I L W A Y C O M P A N Y

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STATEMENT SHOWING CONDITION OF VEHICLES

SEPTEMBER 30, 1897.

1 AMBULANCE

1206 Condition Good

See lower picture on page #195.

7 BARGES

1141 Condition Good  
1142 " "  
1157 " "  
1202 " "  
1231 " "  
1233 " "  
1234 " "

See pictures on pages #170 and #171.

24 TOP BUGGIES

1 Condition Very Bad  
5 " Good  
7 " Fair  
8 " Good  
9 " "  
11 " "  
13 " Fair  
15 " "  
16 " Good  
17 " "  
18 " Fair  
20 " "  
21 " Good  
24 " Fair  
25 " "  
26 " Good  
29 " Fair  
31 " "  
32 " Very Bad  
34 " Good  
35 " "  
37 " "  
38 " "  
39 " "

With the exception of one side bar box and one Stanhope, these are all of the Goddard type.

See lower picture on page #191.

9 OPEN BUGGIES

51 Condition Good  
53 " "  
56 " Fair  
57 " Good  
78 " Very Bad  
85 " Good  
86 " "  
87 " "  
88 " "

See upper picture on page #191.





2 CONDEMNED CARS.

155  
299

These cars are absolutely worthless and for that reason were taken out of the car account when the West End St.Ry.Co. was first formed.

1 BAND CAR

1210 Condition Very Bad

See upper picture on page #196.

2 WOODEN COAL CARS

1225 Condition Good  
1258 " "

See lower pictures on pages #176 and #177.

11 SAND CARS

1156 Condition Poor  
1160 " Fair  
1167 " Very Bad  
1171 " " "  
1183 " " "  
1184 " Fair  
1185 " Very Bad  
1186 " Fair  
1207 " Good  
1214 " Fair  
1236 " Good

See lower picture on page #193.

2 GRAVEL CARS.

1221 Condition Good  
1222 " "

See upper picture on page #176.

1 TANK CAR.

1226 Condition Very Bad

See upper picture on page #193.

2 IRON COAL CARS.

1117 Condition Good  
1118 " "

See upper picture on page #177.  
(These cars are not a success and have never been used.)

5 FLAT FREIGHT CARS.

1106 Condition Good  
1159 " "  
1230 " "  
1241 " Poor  
1242 " Good

See lower picture on page #176 and middle picture on page #177.

18 LONG CARAVANS.

1104 Condition Good  
1112 " "  
1119 " "  
1120 " Very Bad  
1165 " Good  
1166 " "  
1176 " "  
1181 " "  
1198 " "  
1211 " "  
1212 " "  
1215 " "  
1217 " "  
1218 " "  
1219 " "  
1224 " "  
1227 " "  
1235 " Very Bad

See lower picture on page #186 and upper picture on page #187.



11 SHORT CARAVANS

1102	Condition	Good
1103	"	"
1144	"	"
1162	"	"
1179	"	"
1180	"	"
1182	"	"
1187	"	"
1191	"	"
1199	"	"
1255	"	"

See upper picture on page #192

1 EXTRA HEAVY CARAVAN

1240 Condition Good

See lower picture on page #196.

28 SINGLE CARTS

1407	Condition	Poor
1413	"	Fair
1416	"	"
1418	"	Very Bad
1419	"	Good
1422	"	"
1423	"	"
1435	"	Very Bad
1447	"	Good
1451	"	"
1455	"	"
1456	"	"
1457	"	"
1459	"	"
1460	"	Very Bad
1464	"	Fair
1467	"	"
1471	"	"
1472	"	"
1474	"	"
1476	"	"
1477	"	Good
1479	"	"
1480	"	"
1485	"	"
1490	"	"
1491	"	Fair
1496	"	Good

See upper picture on page #186.

45 DOUBLE CARTS.

1400	Condition	Good
1401	"	"
1402	"	"
1404	"	"
1405	"	"
1409	"	"
1410	"	"
1411	"	"
1412	"	Fair
1414	"	"
1415	"	Good
1417	"	"
1421	"	Fair
1425	"	Good
1426	"	"
1427	"	"
1428	"	"
1429	"	"
1430	"	"
1431	"	"
1432	"	"
1437	"	"
1438	"	"

See upper picture on page #185.





DOUBLE CARTS - CONT.

1439	Condition	Good
1440	"	"
1441	"	"
1442	"	"
1443	"	Fair
1444	"	Good
1450	"	"
1461	"	"
1462	"	"
1468	"	Fair
1469	"	Good
1470	"	"
1473	"	"
1478	"	"
1482	"	"
1483	"	"
1484	"	"
1488	"	"
1489	"	"
1494	"	"
1497	"	"
1498	"	"

See upper picture on page #185.

2 WATERING CARTS.

1195	Condition	Good
1239	"	"

See upper picture on page #195.

3 IRON COAL CARTS.

1116	Condition	Good
1193	"	"
1499	"	Fair

See lower picture on page #185.

1 CARRYALL

19	Condition	Fair
----	-----------	------

See lower picture on page #190.

2 COACHES

1140	Condition	Good
1203	"	Fair

See lower picture on page #197.

1 OMNIBUS

1200	Condition	Good
------	-----------	------

See upper picture on page #197.

1 COACH ON RUNNERS

1204	Condition	Poor
------	-----------	------

See lower picture on page #194.

11 JIGGERS

1109	Condition	Fair
1110	"	"
1111	"	Good
1174	"	"
1177	"	Fair
1194	"	Good
1196	"	"
1197	"	Fair
1213	"	Good
1237	"	"
1238	"	"

See lower picture on page #192.





1 MOTOR JIGGER

1209 Condition Good

See lower picture on page #175.

62 LEVELLERS

851	Condition	Good
852	"	"
853	"	"
854	"	"
855	"	"
856	"	"
857	"	"
858	"	"
859	"	"
860	"	"
861	"	"
862	"	"
863	"	"
864	"	"
865	"	"
866	"	"
867	"	Fair
868	"	Good
869	"	"
871	"	"
872	"	"
873	"	"
874	"	"
875	"	"
876	"	"
877	"	"
878	"	"
879	"	"
880	"	"
881	"	"
882	"	"
883	"	"
885	"	"
886	"	"
887	"	"
888	"	"
889	"	"
890	"	"
891	"	"
892	"	"
893	"	"
894	"	"
895	"	"
896	"	"
897	"	"
899	"	"
900	"	"
901	"	"
903	"	Very Bad
906	"	Good
1041	"	"
1042	"	"
1043	"	"
1044	"	"
1045	"	"
1046	"	"
1047	"	"
1048	"	"
1049	"	"
1050	"	"
1051	"	"
1052	"	"

See upper and lower pictures on page #183.

63 ELECTRIC WOODEN PLOWS. See upper picture on page #180 and upper and lower pictures on page #181.

712 Condition Good, Electrically Equipped

713	"	"	"	"	
714	"	"	"	"	and with 2 W.P.Motors
718	"	"	"	"	



ELECTRIC WOODEN PLOWS - CONT.

719	Condition Good, Electrically Equipped				and with 2 W.P.Motors			
724	"	"	"	"	"	"	"	"
747	"	"	"	"	"	"	"	"
748	"	"	"	"	"	"	"	"
749	"	"	"	"	"	"	"	"
750	"	"	"	"	"	"	"	"
751	"	"	"	"	"	"	"	"
761	"	"	"	"	"	"	"	"
762	"	"	"	"	"	"	"	"
763	"	"	"	"	"	"	"	"
764	"	"	"	"	"	"	"	"
765	"	"	"	"	"	"	"	"
766	"	"	"	"	"	"	"	"
767	"	"	"	"	"	"	"	"
768	"	"	"	"	"	"	"	"
769	"	"	"	"	"	"	"	"
770	"	"	"	"	"	"	"	"
789	"	"	"	"	"	"	"	"
790	"	"	"	"	"	"	"	"
791	"	"	"	"	"	"	"	"
792	"	"	"	"	"	"	"	"
799	"	"	"	"	"	"	"	"
800	"	"	"	"	"	"	"	"
801	"	"	"	"	"	"	"	"
802	"	"	"	"	"	"	"	"
803	"	"	"	"	"	"	"	"
804	"	"	"	"	"	"	"	"
805	"	"	"	"	"	"	"	"
806	"	"	"	"	"	"	"	"
807	"	"	"	"	"	"	"	"
808	"	"	"	"	"	"	"	"
809	"	"	"	"	"	"	"	"
810	"	"	"	"	"	"	"	"
811	"	"	"	"	"	"	"	"
812	"	"	"	"	"	"	"	"
813	"	"	"	"	"	"	"	"
814	"	"	"	"	"	"	"	"
815	"	"	"	"	"	"	"	"
816	"	"	"	"	"	"	"	"
817	"	"	"	"	"	"	"	"
818	"	"	"	"	"	"	"	"
819	"	"	"	"	"	"	"	"
825	"	"	"	"	"	"	"	"
826	"	"	"	"	"	"	"	"
827	"	"	"	"	"	"	"	"
829	"	"	"	"	"	"	"	"
830	"	"	"	"	"	"	"	"
831	"	"	"	"	"	"	"	"
832	"	"	"	"	"	"	"	"
833	"	"	"	"	"	"	"	"
834	"	"	"	"	"	"	"	"
835	"	"	"	"	"	"	"	"
836	"	"	"	"	"	"	"	"
837	"	"	"	"	"	"	"	"
838	"	"	"	"	"	"	"	"
839	"	"	"	"	"	"	"	"
847	"	"	"	"	"	"	"	"
848	"	"	"	"	"	"	"	"
902	"	"	"	"	"	"	"	"

87 ELECTRIC STEEL PLOWS.

See pictures on page #182.

731	Condition Good, Electrically Equipped and with 2 W.P.Motors							
743	"	"	"	"	"	"	"	"
820	"	"	"	"	"	"	"	"
828	"	"	"	"	"	"	"	"
845	"	"	"	"	"	"	"	"
850	"	"	"	"	"	"	"	"
870	"	"	"	"	"	"	"	"
884	"	"	"	"	"	"	"	"
898	"	"	"	"	"	"	"	"
904	"	"	"	"	"	"	"	"
905	"	"	"	"	"	"	"	"
907	"	"	"	"	"	"	"	"





ELECTRIC STEEL PLOWS - CONT.

909	Condition Good, Electrically Equipped and with 2 W.P.Motors							
910	"	"	"	"	"	"	"	"
911	"	"	"	"				
912	"	"	"	"				
913	"	"	"	"	"	"	"	"
914	"	"	"	"				
915	"	"	"	"				
916	"	"	"	"				
917	"	"	"	"	"	"	"	"
918	"	"	"	"	"	"	"	"
919	"	"	"	"				
920	"	"	"	"				
921	"	"	"	"	"	"	"	"
922	"	"	"	"	"	"	"	"
923	"	"	"	"	"	"	"	"
924	"	"	"	"	"	"	"	"
925	"	"	"	"	"	"	"	"
926	"	"	"	"	"	"	"	"
927	"	"	"	"				
928	"	"	"	"	"	"	"	"
929	"	"	"	"	"	"	"	"
930	"	"	"	"				
931	"	"	"	"	"	"	"	"
932	"	"	"	"	"	"	"	"
933	"	"	"	"				
934	"	"	"	"				
935	"	"	"	"	"	"	"	"
936	"	"	"	"				
937	"	"	"	"				
938	"	"	"	"	"	"	"	"
939	"	"	"	"				
940	"	"	"	"				
941	"	"	"	"	"	"	"	"
942	"	"	"	"				
943	"	"	"	"	"	"	"	"
944	"	"	"	"				
945	"	"	"	"	"	"	"	"
946	"	"	"	"	"	"	"	"
947	"	"	"	"				
948	"	"	"	"	"	"	"	"
1024	"	"	"	"				
1025	"	"	"	"				
1026	"	"	"	"				
1027	"	"	"	"	"	"	"	"
1028	"	"	"	"				
1029	"	"	"	"	"	"	"	"
1030	"	"	"	"				
1031	"	"	"	"				
1032	"	"	"	"				
1033	"	"	"	"				
1034	"	"	"	"	"	"	"	"
1035	"	"	"	"	"	"	"	"
1036	"	"	"	"				
1037	"	"	"	"	"	"	"	"
1038	"	"	"	"				
1039	"	"	"	"				
1040	"	"	"	"	"	"	"	"
1054	"	"	"	"				
1055	"	"	"	"				
1056	"	"	"	"				
1057	"	"	"	"	"	"	"	"
1058	"	"	"	"				
1059	"	"	"	"				
1060	"	"	"	"	"	"	1 W.P.Motor	
1061	"	"	"	"	"	"	2 W.P.Motors	
1062	"	"	"	"				
1063	"	"	"	"				
1064	"	"	"	"				
1065	"	"	"	"				
1066	"	"	"	"	"	"	"	"
1067	"	"	"	"				
1068	"	"	"	"	"	"	"	"
1069	"	"	"	"				
1070	"	"	"	"				
1071	"	"	"	"				





18 PUSH PLOWS

700	Condition	Good
708	"	"
711	"	"
715	"	"
716	"	"
720	"	"
723	"	"
729	"	"
755	"	"
758	"	"
759	"	"
773	"	"
774	"	"
793	"	"
794	"	Fair
795	"	Good
840	"	"
842	"	"

See lower picture on page #178.

60 HORSE PLOWS

701	Condition	Good
702	"	"
703	"	"
704	"	"
705	"	"
706	"	"
707	"	"
709	"	"
710	"	"
722	"	"
725	"	"
726	"	"
727	"	"
728	"	"
732	"	"
733	"	Very Bad
734	"	Good
735	"	"
736	"	"
738	"	"
739	"	"
740	"	"
741	"	"
742	"	"
744	"	"
745	"	"
746	"	"
752	"	"
753	"	"
756	"	Poor
757	"	Good
771	"	"
772	"	"
775	"	"
776	"	"
777	"	"
778	"	"
779	"	"
780	"	"
781	"	"
782	"	"
783	"	"
784	"	"
786	"	"
787	"	Fair
788	"	Good
796	"	"
797	"	"
798	"	"
821	"	"
822	"	"
823	"	"

See upper picture on page #178  
and upper picture on page #198.



HORSE PLOWS - CONT.

824	Condition	Fair
841	"	Good
843	"	"
844	"	"
846	"	"
849	"	"
908	"	"
909	"	"

37 ONE HORSE PUNGS.

950	Condition	Fair
951	"	Good
952	"	"
955	"	Poor
956	"	Very Bad
959	"	Good
960	"	"
963	"	"
964	"	"
965	"	"
966	"	"
967	"	"
968	"	"
970	"	"
971	"	"
972	"	"
979	"	Fair
981	"	Good
986	"	Fair
990	"	Good
991	"	"
992	"	Fair
993	"	Very Bad
995	"	Poor
997	"	Good
1000	"	"
1004	"	Fair
1005	"	Very Bad
1006	"	Good
1008	"	Very Bad
1009	"	Fair
1011	"	Very Poor
1012	"	Good
1013	"	"
1021	"	"
1023	"	"
1053	"	Poor

See lower picture on page #187.

2 TWO HORSE PUNGS.

976	Condition	Good
980	"	"

See upper picture on page #188.

9 ROAD MACHINES

1216	Condition	Good
1220	"	"
1243	"	"
1245	"	"
1246	"	"
1247	"	"
1248	"	"
1249	"	"
1250	"	"

See lower picture on page #184.





4 SCRAPERS

737	Condition	Very Bad
1154	"	Good
1163	"	Poor
1168	"	Good

See lower picture on page #198

1 TEAMING SLED

1015	Condition	Fair
------	-----------	------

Same as snow sled without sides.

393 SNOW SLEDS

250	Condition	Good
251	"	"
252	"	"
253	"	"
254	"	"
255	"	"
256	"	"
257	"	"
259	"	"
260	"	"
261	"	"
262	"	"
263	"	"
264	"	"
265	"	"
266	"	"
267	"	"
268	"	"
269	"	"
270	"	"
271	"	"
272	"	"
273	"	"
274	"	"
275	"	"
276	"	"
277	"	"
278	"	"
279	"	"
280	"	"
281	"	"
282	"	"
283	"	"
284	"	"
285	"	"
286	"	"
287	"	"
288	"	"
289	"	"
290	"	"
291	"	"
292	"	"
293	"	"
294	"	"
295	"	"
296	"	"
297	"	"
298	"	"
299	"	"
300	"	"
301	"	"
302	"	"
303	"	"
304	"	"
305	"	"
306	"	"
307	"	Very Bad
308	"	Good
309	"	"
310	"	"
311	"	"
312	"	"
313	"	"

See middle picture on page #183.





SNOW SLEDS - CONT.

314	Condition	Good
315	"	"
316	"	"
317	"	"
318	"	"
319	"	"
320	"	"
321	"	"
322	"	"
323	"	"
324	"	"
325	"	"
326	"	"
327	"	"
328	"	"
329	"	"
330	"	"
331	"	"
332	"	"
333	"	"
334	"	"
335	"	"
336	"	"
337	"	"
338	"	"
339	"	"
340	"	"
342	"	"
343	"	"
344	"	"
345	"	"
346	"	"
347	"	"
348	"	"
349	"	"
350	"	"
351	"	"
352	"	"
353	"	"
354	"	"
355	"	"
356	"	"
357	"	"
358	"	"
359	"	"
360	"	"
361	"	"
362	"	"
363	"	"
364	"	"
365	"	"
366	"	"
367	"	"
368	"	"
369	"	"
370	"	"
371	"	"
372	"	"
375	"	"
377	"	"
379	"	"
380	"	"
386	"	"
387	"	"
390	"	"
391	"	"
416	"	"
417	"	"
418	"	"
419	"	"
420	"	"
421	"	"
422	"	"
423	"	"
425	"	"
427	"	"

See middle picture on page #183.



SNOW SLEDS - CONT.

428	Condition	Good
429	"	"
431	"	"
432	"	Very Bad
433	"	Good
434	"	"
437	"	"
438	"	"
439	"	"
441	"	"
442	"	"
444	"	"
445	"	"
446	"	"
447	"	"
448	"	"
449	"	"
450	"	"
451	"	"
452	"	"
453	"	"
454	"	"
455	"	"
456	"	"
457	"	"
459	"	"
460	"	"
461	"	"
462	"	"
463	"	"
464	"	"
465	"	"
466	"	"
468	"	"
469	"	Very Bad
470	"	Good
472	"	"
473	"	"
475	"	"
476	"	"
477	"	"
478	"	"
479	"	"
481	"	"
482	"	"
483	"	"
484	"	"
485	"	"
486	"	"
487	"	"
488	"	"
489	"	"
490	"	"
491	"	"
492	"	"
493	"	"
494	"	"
495	"	"
496	"	"
497	"	"
498	"	"
499	"	"
500	"	"
501	"	"
503	"	"
504	"	"
505	"	"
506	"	"
507	"	"
508	"	"
509	"	"
510	"	"
511	"	"
512	"	"
513	"	Very Bad

See middle picture on page #183.





SNOW SLEDS - CONT.

514	Condition	Good
515	"	"
516	"	"
517	"	"
518	"	"
519	"	"
520	"	"
521	"	"
522	"	"
523	"	"
524	"	"
525	"	"
526	"	"
527	"	"
528	"	"
529	"	"
530	"	"
531	"	"
532	"	"
533	"	"
534	"	"
535	"	"
536	"	"
537	"	"
538	"	"
539	"	"
540	"	"
541	"	"
542	"	"
543	"	"
544	"	"
545	"	"
546	"	"
548	"	"
549	"	"
550	"	"
551	"	"
552	"	"
553	"	"
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555	"	"
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557	"	"
558	"	"
559	"	"
560	"	"
561	"	"
562	"	"
563	"	"
564	"	"
565	"	"
566	"	"
567	"	"
568	"	"
569	"	"
570	"	"
572	"	"
573	"	"
574	"	"
575	"	"
576	"	"
577	"	"
578	"	"
579	"	"
580	"	"
581	"	"
582	"	"
583	"	"
584	"	"
585	"	"
586	"	"
587	"	"
588	"	"
589	"	"
590	"	"
591	"	"

See middle picture on page #183.





SNOW SLEDS - CONT.

592	Condition	Good
593	"	"
594	"	"
595	"	"
596	"	"
597	"	"
598	"	"
599	"	"
600	"	"
601	"	"
602	"	"
603	"	"
604	"	"
605	"	"
606	"	"
607	"	"
608	"	"
609	"	"
610	"	"
612	"	"
613	"	"
614	"	"
615	"	"
616	"	"
617	"	"
618	"	"
619	"	"
620	"	"
621	"	"
622	"	"
623	"	"
624	"	"
625	"	"
626	"	"
627	"	"
629	"	"
630	"	"
631	"	"
632	"	"
633	"	"
634	"	"
635	"	"
636	"	"
637	"	"
639	"	"
640	"	"
641	"	"
643	"	"
650	"	"
651	"	"
652	"	"
653	"	"
654	"	"
656	"	"
657	"	"
658	"	"
659	"	"
660	"	"
661	"	"
662	"	"
663	"	"
664	"	"
665	"	"
666	"	"
667	"	"
668	"	"
669	"	"
670	"	"
671	"	"
672	"	"
673	"	"
674	"	"
675	"	"
676	"	"
677	"	"
678	"	"

See middle picture on page #183.



SNOW SLEDS - CONT.

679	Condition	Good
680	"	"
681	"	"
682	"	"
683	"	"
684	"	"
685	"	"
686	"	"
687	"	"
688	"	"
689	"	"
690	"	"
691	"	"
692	"	"
693	"	"
694	"	"
695	"	"
696	"	"
697	"	"
698	"	"
699	"	"
977	"	"
978	"	"
982	"	"
983	"	"
984	"	"
985	"	"

See middle picture on page #183.

27 SLEIGHS.

953	Condition	Poor
954	"	Good
957	"	"
958	"	"
961	"	"
962	"	"
969	"	"
973	"	Fair
974	"	Very Bad
987	"	Good
988	"	"
989	"	Poor
996	"	Very Bad
998	"	Good
999	"	Fair
1001	"	Good
1002	"	Fair
1003	"	"
1007	"	Good
1010	"	Fair
1014	"	Good
1016	"	"
1017	"	"
1018	"	"
1019	"	"
1020	"	"
1022	"	"

See lower picture on page #188.

5 ELECTRIC SWEEPERS.

1107	Condition	Poor
1108	"	"
1150	"	"
1151	"	"
1153	"	"

See upper and lower pictures on page #179  
and lower picture on page #180.

These sweepers were purely experimental  
and proved worthless for street use when  
first tried.

1 ANDREWS ELECTRIC SWEEPER

1105	Condition	Fair
------	-----------	------

See upper picture on page #194.





5 HORSE SWEEPERS

1145	Condition	Good
1169	"	Poor
1190	"	Good
1205	"	Poor
1232	"	Very Bad

See upper picture on page #184.

79 ONE HORSE EXPRESS WAGONS.

100	Condition	Good
101	"	"
102	"	"
103	"	Poor
104	"	Fair
105	"	Good
107	"	"
108	"	Fair
109	"	Good
110	"	Poor
111	"	Good
112	"	"
114	"	"
115	"	"
116	"	Fair
117	"	Poor
118	"	Good
119	"	"
120	"	"
121	"	"
122	"	"
123	"	"
124	"	"
125	"	"
127	"	"
128	"	"
131	"	"
132	"	Fair
133	"	"
134	"	Good
136	"	"
141	"	Fair
143	"	Good
144	"	"
146	"	"
147	"	Fair
148	"	Good
149	"	"
150	"	"
151	"	"
152	"	Fair
153	"	Good
154	"	"
155	"	"
156	"	"
157	"	Very Bad
158	"	Fair
159	"	Good
160	"	Fair
161	"	"
162	"	"
163	"	Good
164	"	"
165	"	"
166	"	Fair
167	"	"
168	"	Good
170	"	"
171	"	"
172	"	"
173	"	"
174	"	"
175	"	Fair
176	"	Good
179	"	"
180	"	"
182	"	"

See lower picture on page #172 and upper picture on page #173.





ONE HORSE EXPRESS WAGONS - CONT.

183	Condition	Poor
185	"	Fair
186	"	Poor
187	"	Good
192	"	Fair
196	"	"
197	"	"
199	"	Good
200	"	"
201	"	"
202	"	"
203	"	"

8 TWO HORSE EXPRESS WAGONS

129	Condition	Fair
135	"	Good
137	"	Fair
138	"	"
139	"	Good
140	"	Fair
145	"	Fair
177	"	Good

See upper picture on page #172.

10 EMERGENCY WAGONS.

106	Condition	Good
130	"	"
184	"	"
188	"	"
189	"	"
190	"	"
194	"	"
195	"	"
1113	"	"
1115	"	"

See lower picture on page #173 and upper picture on page #174.

1 COVERED PAY WAGON.

22 Condition Good

See upper picture on page #190.

19 CONCORD WAGONS

50	Condition	Fair
52	"	Good
58	"	"
59	"	Fair
61	"	Good
64	"	"
65	"	"
69	"	Fair
71	"	Good
73	"	"
74	"	"
75	"	"
76	"	"
77	"	Fair
80	"	"
83	"	Good
84	"	"
89	"	"
54	"	"

See lower picture on page #189.

3 DEMOCRAT WAGONS

55	Condition	Fair
67	"	"
68	"	Very Bad

See upper picture on page #189.



1 LUMBER WAGON

1147 Condition Good

Converted to reel wagon before picture could be taken.

16 TOWER WAGONS

1114 Condition Good

1123 " "

1124 " "

1125 " Fair

1126 " Good

1164 " "

1170 " "

1188 " "

1189 " Poor

1192 " Fair

1208 " Good

1223 " "

1244 " Fair

1254 " Good

1256 " "

1257 " "

See lower picture on page #174 and upper picture on page #175.

1 FIRE WAGON

1158 Condition Good

Converted to one horse express wagon before pictures were taken.

1 TOOL WAGON

1161 Condition Fair

Converted to one horse express wagon before pictures were taken.





## \*\*\* SUMMARY OF STATEMENT SHOWING CONDITION OF VEHICLES \*\*\*

SEPTEMBER 30, 1897.

	<u>GOOD</u>	<u>FAIR</u>	<u>POOR</u>	<u>VERY BAD</u>	<u>TOTAL</u>
Ambulance	1				1
Barges	7				7
Top Buggies	13	9		2	24
Open Buggies	7	1		1	9
Condemned Cars				2	2
Band Car				1	1
Wooden Coal Cars	2				2
Sand Cars	2	4	1	4	11
Gravel Cars	2				2
Tank Car				1	1
Iron Coal Cars	2				2
Flat Freight Cars	4		1		5
Long Caravans	16			2	18
Short Caravans	11				11
Extra Heavy Caravans	1				1
Double Carts	40	5			45
Single Carts	15	9	1	3	28
Watering Carts	2				2
Iron Coal Carts	2	1			3
Carryall		1			1
Coaches	1	1			2
Omnibus	1				1
Coach on Runners			1		1
Jiggers	7	4			11
Motor Jigger	1				1
Levellers	60	1		1	62
Electric Wooden Plows	63				63
Electric Steel Plows .	87				87
Push Plows	17	1			18
Horse Plows	56	2	1	1	60
One Horse Pungs	23	6	4	4	37
Two Horse Pungs	2				2
Road Machines	9				9
Scrapers	2		1	1	4
Teaming Sled		1			1
Snow Sleds	389			4	393
Sleighs	18	5	2	2	27
Electric Sweepers			5		5
Andrews Electric Sweeper		1			1
Horse Sweepers	2		2	1	5
One Horse Express Wagons	54	19	5	1	79
Two Horse Express Wagons	3	5			8
Emergency Wagons	10				10
Covered Pay Wagons	1				1
Democrat Wagons		2		1	3
Concord Wagons	14	5			19
Tower Wagons	12	3	1		16
Fire Wagons	1				1
Lumber Wagons	1				1
Tool Wagons		1			1
	<u>961</u>	<u>87</u>	<u>25</u>	<u>32</u>	<u>1105</u>























































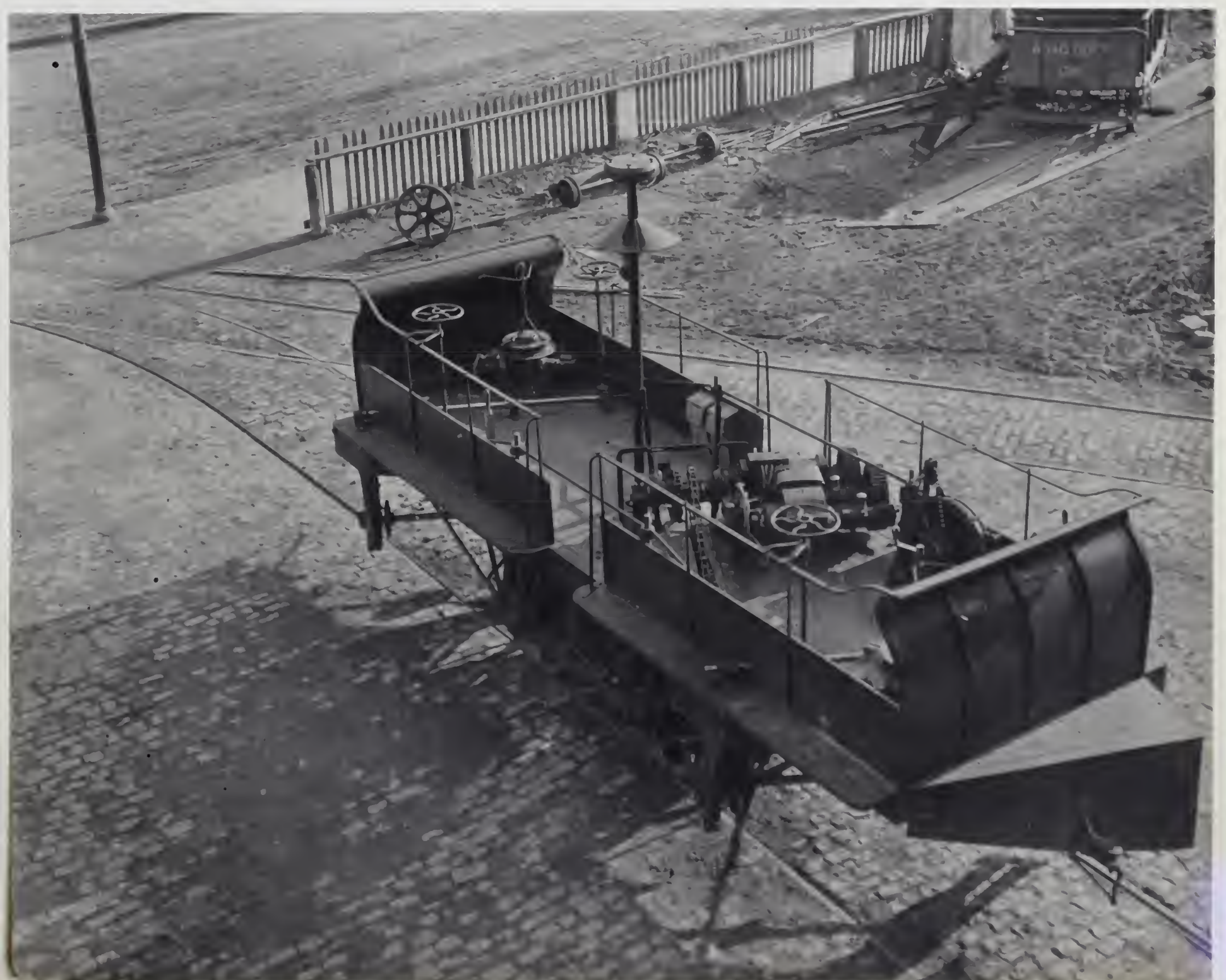
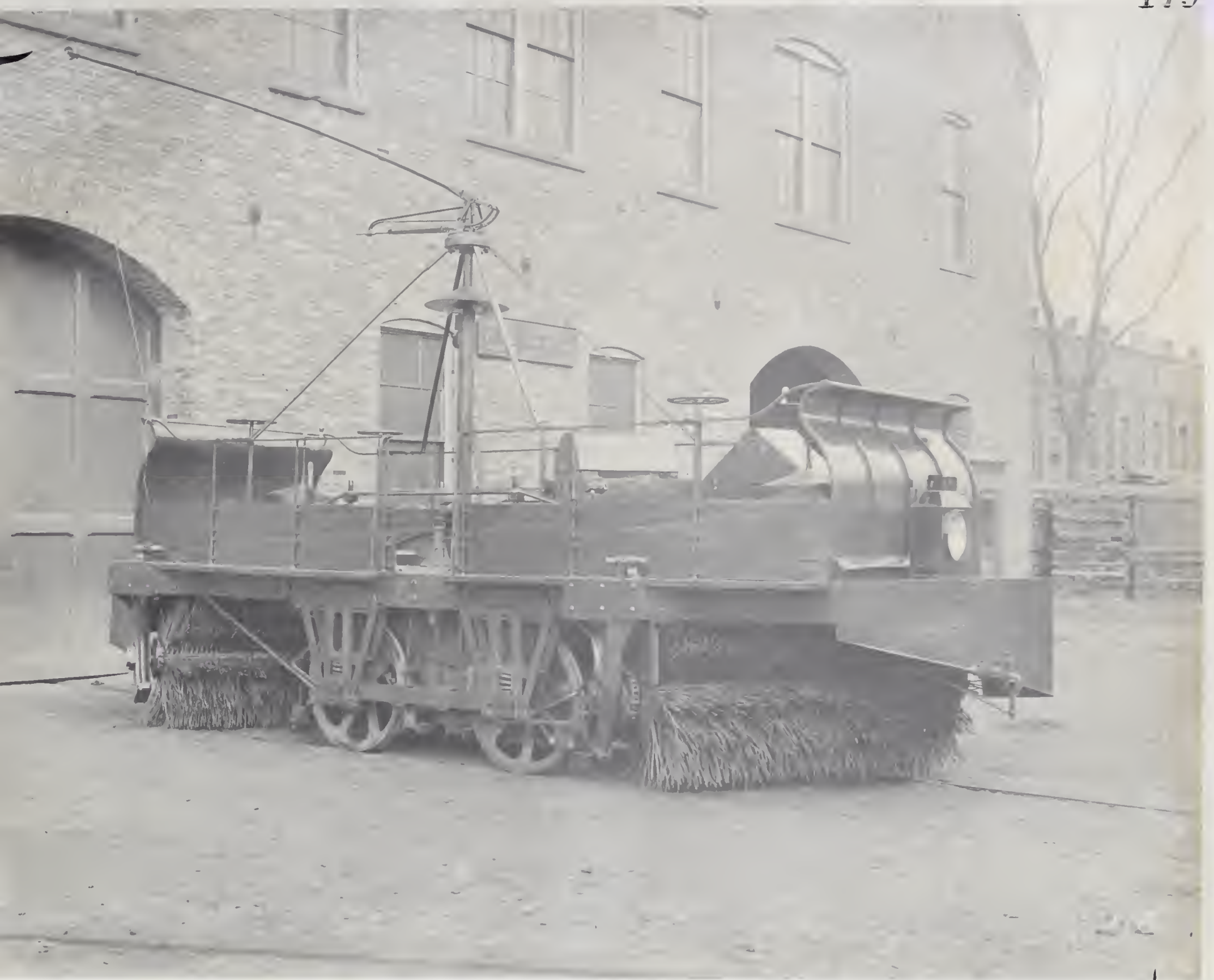
























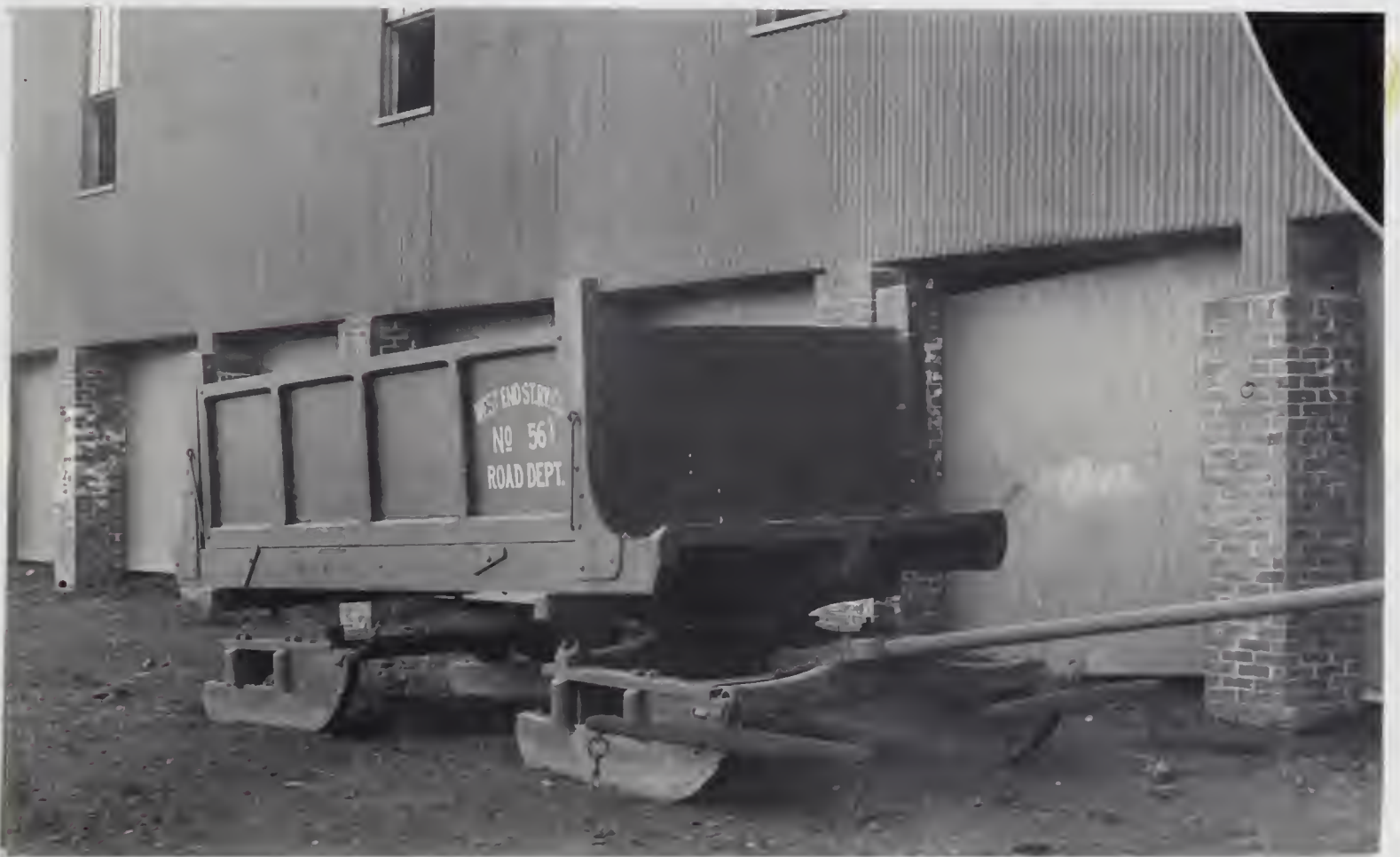






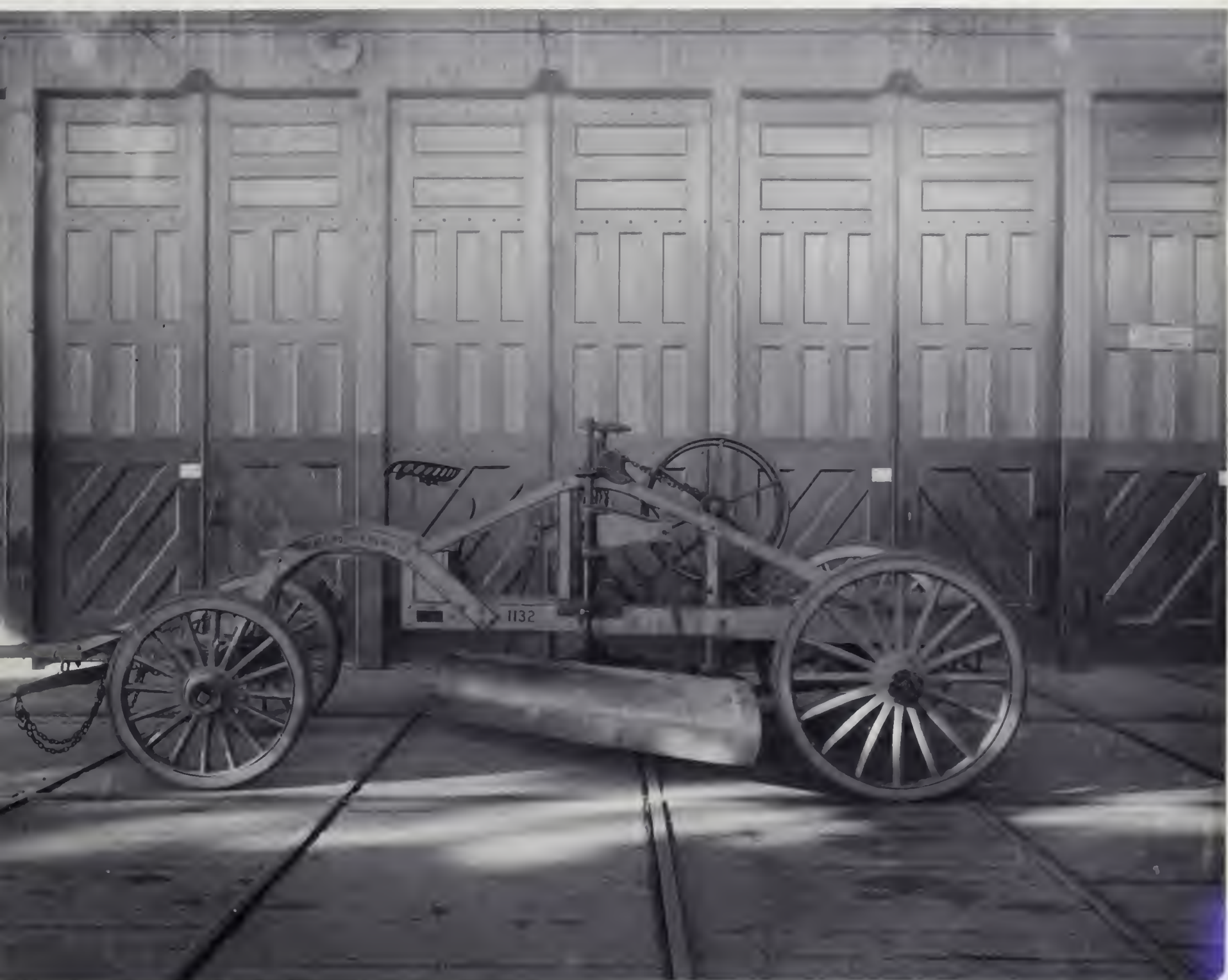
































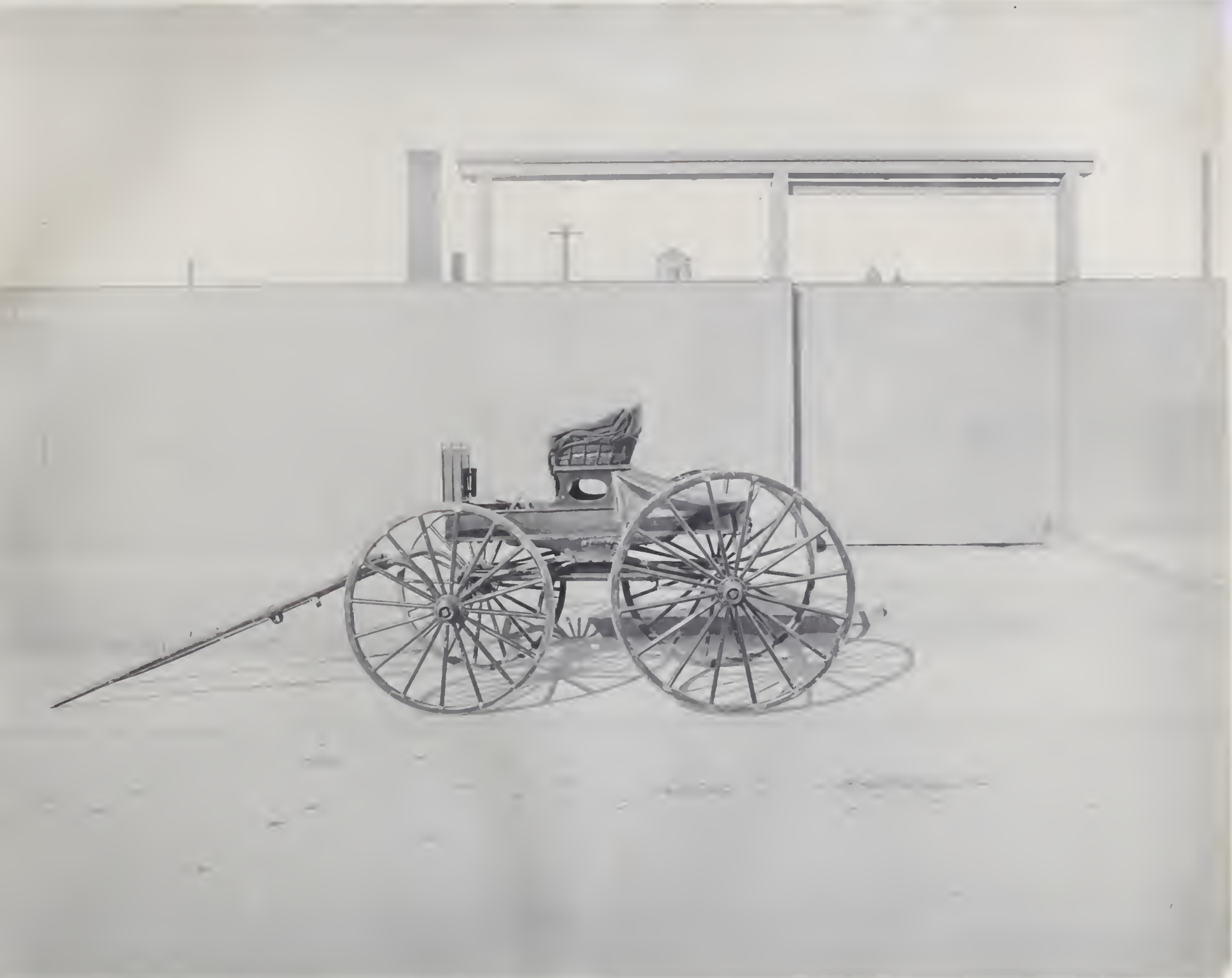
























































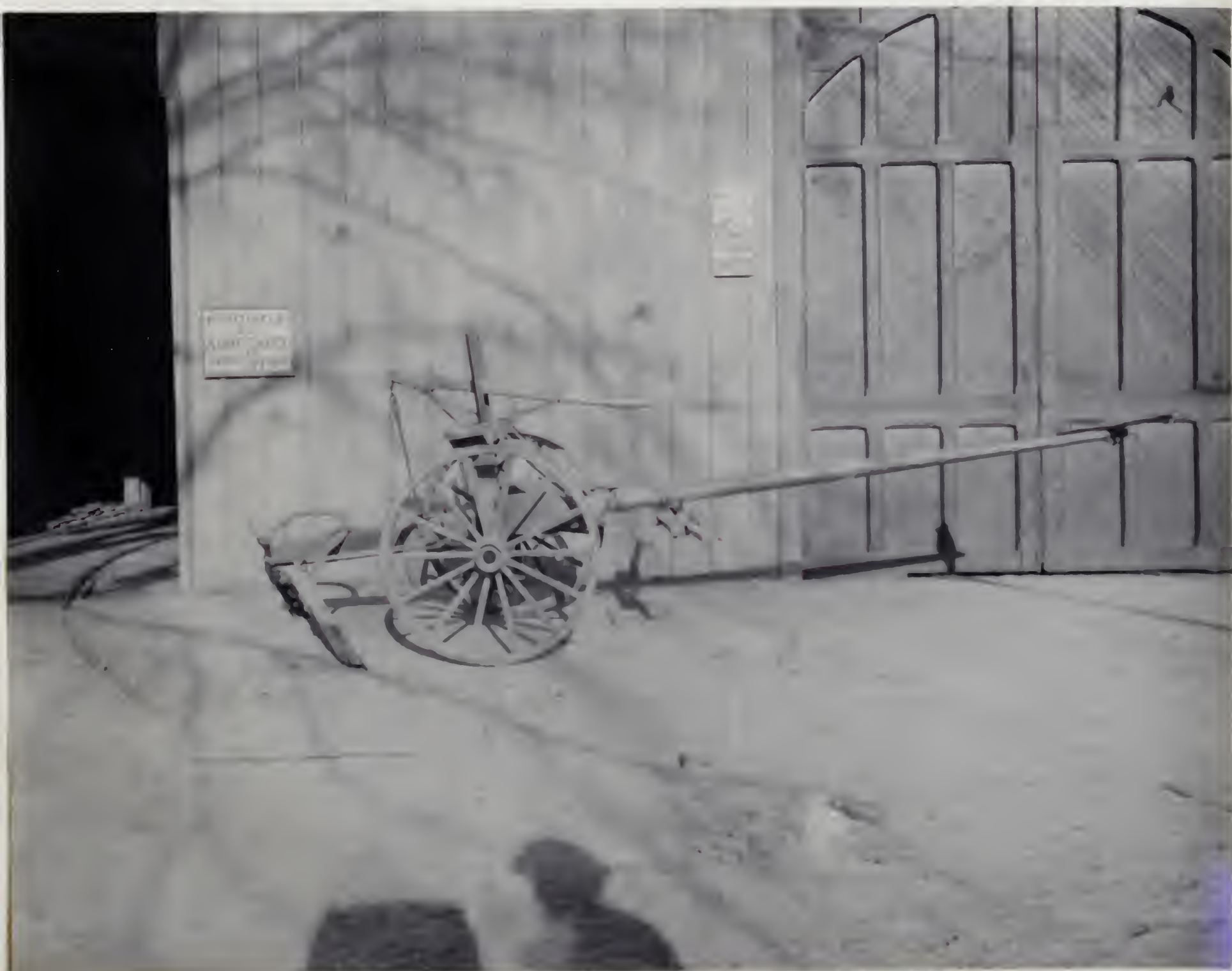
















At a meeting of the Board of Directors of the West End Street Railway Company held in Boston on December 29th., 1897, at which a quorum was present, it was

Voted: That the Committee's recommendation for the appointment of a person to make an inventory and statement of the property of the company as called for by Section IX of the lease to the Boston Elevated Railway Company be approved and it was.

Voted: That Samuel Little be appointed to act in behalf of the West End Street Railway Company.

A true copy, attest.

*Arthur M. Dexter* Clerk.

At a meeting of the Board of Directors of the Boston Elevated Railway Company held in Boston on January 7th., 1898, at which a quorum was present. On motion duly seconded voted that Mr. Wilson be appointed to represent the Boston Elevated Railway Company to make an inventory and statement of the property of the West End Street Railway Company as called for in Section IX of the lease to the Boston Elevated Railway Company.

A true copy, attest.

*J. H. Sumner* Secretary.

Pursuant to the above votes, we the undersigned certify that the information contained in this volume is correct to the best of our knowledge and belief.

*Samuel Little*  
For West End Street Railway Co.  
*Henry E. Wilson*  
For Boston Elevated Railway Company









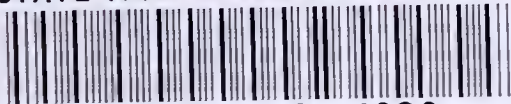








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